

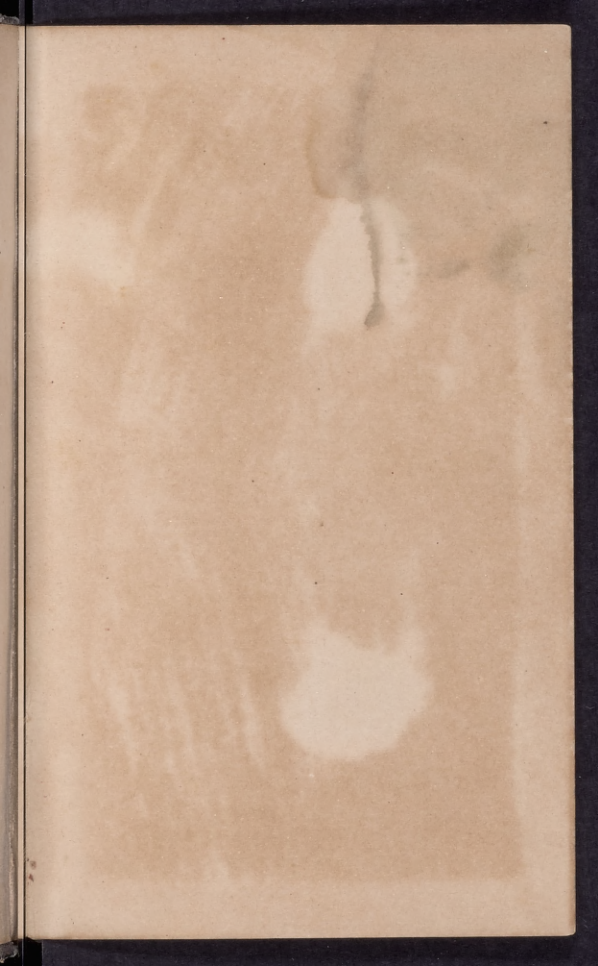


88.



1888

88



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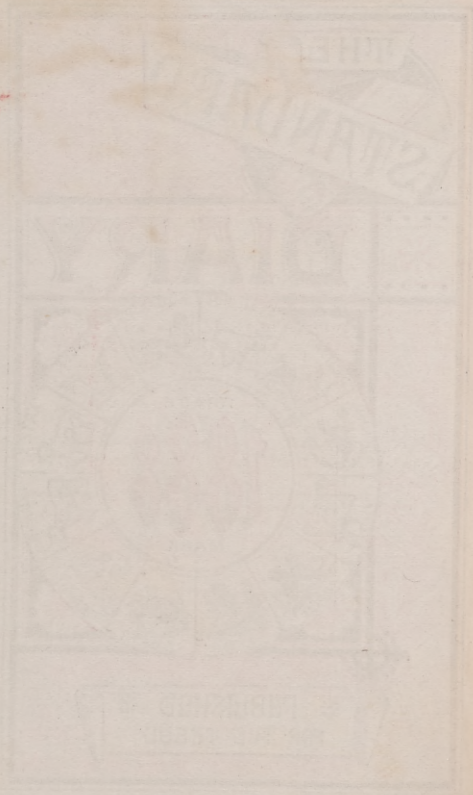


THE
STANDARD

DIARY



❁ PUBLISHED ❁
FOR THE TRADE



JAN 20 1885 MAY 1885 SEP 1885

CALENDAR.

1888.

	S	M	T	W	T	F	S		S	M	T	W	T	F	S
JAN.	1	2	3	4	5	6	7		1	2	3	4	5	6	7
	8	9	10	11	12	13	14	JULY.	8	9	10	11	12	13	14
	15	16	17	18	19	20	21		15	16	17	18	19	20	21
	22	23	24	25	26	27	28		22	23	24	25	26	27	28
	29	30	31	..	..	..	..		29	30	31	..	..	..	..
FEB.	..	..	..	1	2	3	4		..	..	..	1	2	3	4
	5	6	7	8	9	10	11	AUG.	5	6	7	8	9	10	11
	12	13	14	15	16	17	18		12	13	14	15	16	17	18
	19	20	21	22	23	24	25		19	20	21	22	23	24	25
	26	27	28	29	..	..	..		26	27	28	29	30	31	..
MAR.	..	..	..	..	1	2	3		..	..	..	..	..	..	1
	4	5	6	7	8	9	10	SEPT.	2	3	4	5	6	7	8
	11	12	13	14	15	16	17		9	10	11	12	13	14	15
	18	19	20	21	22	23	24		16	17	18	19	20	21	22
	25	26	27	28	29	30	31		23	24	25	26	27	28	29
	..	..	..	..	..	..	..		30	..	..	..	..	..	..
APRIL.	1	2	3	4	5	6	7		..	1	2	3	4	5	6
	8	9	10	11	12	13	14	OCT.	7	8	9	10	11	12	13
	15	16	17	18	19	20	21		14	15	16	17	18	19	20
	22	23	24	25	26	27	28		21	22	23	24	25	26	27
	29	30	..	..	..	..	..		28	29	30	31	..	..	..
	..	..	1	2	3	4	5		..	..	..	..	1	2	3
MAY.	6	7	8	9	10	11	12		4	5	6	7	8	9	10
	13	14	15	16	17	18	19	NOV.	11	12	13	14	15	16	17
	20	21	22	23	24	25	26		18	19	20	21	22	23	24
	27	28	29	30	31	..	..		25	26	27	28	29	30	..
	..	..	..	..	..	1	2		..	..	..	..	..	..	1
JUNE.	3	4	5	6	7	8	9		2	3	4	5	6	7	8
	10	11	12	13	14	15	16	DEC.	9	10	11	12	13	14	15
	17	18	19	20	21	22	23		16	17	18	19	20	21	22
	24	25	26	27	28	29	30		23	24	25	26	27	28	29
	..	..	..	..	..	..	..		30	31	..	..	..	..	..

WEIGHTS AND MEASURES.

MEASURE OF LENGTH.

4 . . In.	make 1 Hand.	3 Feet	make 1 Yard.
7.92 In.	" 1 Link.	5½ Yds.	" 1 Rod or Pole
18 . . In.	" 1 Cubit.	40 Poles	" 1 Furlong.
12 . . In.	" 1 Foot.	8 Fur.	" 1 Mile.
6 . . Ft.	" 1 Fathom.	69 1-6 Miles	make 1 Degree.
60 Geographical Miles make 1 Degree.			
1760 Yards } = 1 Mile.			
5280 Feet }			

MEASURE OF SURFACE.

144 Square Inches	make 1 Square Foot.
9 Square Feet	" 1 Square Yard.
30½ Square Yards	" 1 Rod, Perch or Pole.
40 Square Rods	" 1 Square Rood.
4 Square Roods	" 1 Square Acre.
10 Square Chains	" 1 Square Acre.
640 Square Acres	" 1 Square Mile.
Gunter's Chain equal to 22 Yards or 100 Links.	
272½ Square Feet	make 1 Square Rod.
43,560 Square Feet	" 1 Acre.

MEASURE OF SOLIDITY.

1728 Cubic Inches	make 1 Cubic Foot.
27 Cubic Feet	" 1 Cubic Yard.

AVOIRDUPOIS WEIGHT.

27½ Grains	make 1 Drachm (dr.) or 27½ Grains.
16 Drachms	" 1 Ounce (oz.) or 437½ "
16 Ounces	" 1 Pound (lb.) or 7000 "
28 Pounds	" 1 Quarter (qr.)
4 Quarters	" 1 Hundred-Weight (cwt.)
20 Cwts.	" 1 Ton.
2240 Pounds	" 1 Ton.

TROY WEIGHT.

24 Grains	make 1 Pennyweight, or 24 Grains.
20 Pennywts.	" 1 Ounce, or 480 "
12 Ounces	" 1 Pound, or 5760 "

APOTHECARIES' WEIGHT.

20 Grains	make 1 Scruple.	8 Drachms	make 1 Ounce.
3 Scruples	" 1 Drachm.	12 Ounces	" 1 Pound.

WEIGHT PER BUSHEL OF GRAIN, ETC.

The following Table shows the number of pounds per bushel required, by law or custom, in the sale of articles specified, in the several States of the Union.

STATES.	Barley.	Buckwheat.	Coal.	Corn, shel'd	Corn Meal.	Onions.	Oats.	Potatoes.	Rye.	Wheat.	Salt.	Turnips.	Beans, wh.	Clover S'd.	Timothy.
Maine	48	48	..	56	50	52	30	60	..	60	..	50	64	..	..
N. Hampshire.	..	..	..	56	50	..	30	60	56	60	..	..	60	..	..
Vermont	48	48	..	..	..	..	32	60	56	60	70	..	64	60	42
Massachusetts.	48	48	..	56	50	52	32	60	56	60	..	..	..	..	..
Connecticut ...	..	45	..	56	..	..	28	60	56	56	..	..	..	..	..
New York	48	48	..	58	..	..	32	60	56	60	..	..	62	60	44
New Jersey...	48	50	..	56	..	..	30	60	56	60	..	..	..	64	..
Pennsylvania..	47	48	..	56	..	..	30	56	56	60	85	..	..	62	..
Delaware	..	..	..	56	..	..	..	..	..	60	..	..	..	..	..
Maryland	48	48	..	56	..	57	32	60	56	60	56	..	62	64	45
Dist. Columbia	47	48	..	56	48	57	32	56	56	60	50	55	62	60	45
Virginia	48	48	..	56	50	..	32	60	56	60	..	56	60	64	45
West Virginia.	48	52	80	56	48	..	32	60	56	60	..	60	60	60	45
North Carolina	48	50	..	54	46	..	30	..	56	60	..	..	..	64	..
South Carolina	48	56	80	56	50	57	33	60	56	60	50	..	60	60	..
Georgia	40	..	80	56	48	57	35	56	..	60	56	..	..	60	45
Louisiana	32	..	..	56	..	..	32	..	32	60	..	..	..	..	..
Arkansas	48	52	80	56	50	57	32	60	56	60	50	..	60	60	45
Tennessee	48	50	..	56	50	56	32	60	56	60	..	..	60	..	45
Kentucky	48	52	..	56	50	57	33	56	56	60	50	..	60	60	45
Ohio	48	50	..	56	..	..	32	60	56	60	..	..	60	60	45
Michigan	48	48	80	56	..	54	32	60	56	60	56	58	60	60	45
Indiana	48	50	70	56	50	48	32	60	56	60	50	..	60	60	..
Illinois	48	52	..	56	48	57	32	60	56	60	50	..	60	60	..
Wisconsin	48	50	..	56	..	..	32	60	56	60	..	..	..	60	..
Minnesota	48	42	..	56	..	..	32	60	56	60	..	..	..	60	..
Iowa	48	52	..	56	..	57	33	60	56	60	50	..	60	60	45
Missouri	48	52	..	56	..	57	32	60	56	60	50	..	60	60	45
Kansas	50	50	..	56	50	57	32	60	56	60	50	55	60	..	45
Nebraska	48	52	..	56	50	57	34	60	56	60	50	55	60	60	45
California, ...	50	40	..	52	..	..	32	..	54	60	..	..	..	..	..
Oregon	46	42	..	56	..	..	36	60	56	60	..	..	..	60	..

INTEREST TABLE.

FOUR PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 Dy.	0	0	0	0	0	0	0	0	0	0	1	11
3 "	0	0	0	0	0	0	0	0	0	$\frac{1}{2}$	$3\frac{1}{2}$	33
5 "	0	0	0	0	0	0	0	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$5\frac{1}{2}$	56
10 "	0	0	0	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	1	1	1	1	11	1 11
1 Mo.	0	$\frac{1}{2}$	1	$1\frac{1}{2}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	33	3 33
2 "	$\frac{1}{2}$	$1\frac{1}{2}$	2	$2\frac{1}{2}$	$3\frac{1}{2}$	4	$4\frac{1}{2}$	$5\frac{1}{2}$	6	$6\frac{1}{2}$	67	6 67
3 "	1	2	3	4	5	6	7	8	9	10	1 00	10 00
4 "	$1\frac{1}{2}$	$2\frac{1}{2}$	4	$5\frac{1}{2}$	$6\frac{1}{2}$	8	$9\frac{1}{2}$	$10\frac{1}{2}$	12	$13\frac{1}{2}$	1 33	13 33
6 "	2	4	6	8	10	12	14	16	18	20	2 00	20 00
9 "	3	6	9	12	15	18	21	24	27	30	3 00	30 00
1 Yr.	4	8	12	16	20	24	28	32	36	40	4 00	40 00

FIVE PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 Dy.	0	0	0	0	0	0	0	0	0	0	1	14
3 "	0	0	0	0	0	0	0	0	0	0	4	42
5 "	0	0	0	0	0	0	0	1	1	1	7	69
10 "	0	0	0	0	1	1	1	1	1	$1\frac{1}{2}$	14	1 39
1 Mo.	$\frac{1}{2}$	1	1	2	2	3	3	3	4	4	42	4 17
2 "	1	$1\frac{1}{2}$	3	3	4	5	6	7	8	8	83	8 33
3 "	1	2	4	5	6	8	9	10	11	13	1 25	12 50
4 "	$1\frac{1}{2}$	3	5	7	8	10	12	13	15	17	1 67	16 67
6 "	2	5	8	10	13	15	18	20	23	25	2 50	25 00
9 "	$3\frac{1}{4}$	$7\frac{1}{2}$	11	15	19	23	26	30	34	38	3 75	37 50
1 Yr.	5	10	15	20	25	30	35	40	45	50	5 00	50 00

SIX PER CENT.

TIME.	\$1	\$2	\$3	\$4	\$5	\$6	\$7	\$8	\$9	\$10	\$100	\$1000
1 Dy.	0	0	0	0	0	0	0	0	0	0	2	17
3 "	0	0	0	0	0	0	0	0	0	1	5	50
5 "	0	0	0	0	0	1	1	1	1	1	8	83
10 "	0	0	1	1	1	1	1	1	2	2	17	1 67
1 Mo.	$\frac{1}{2}$	1	2	2	3	3	4	4	5	5	50	5 00
2 "	1	2	3	4	5	6	7	8	9	10	1 00	10 00
3 "	$1\frac{1}{2}$	3	5	6	8	9	11	12	14	15	1 50	15 00
4 "	2	4	6	8	10	12	14	16	18	20	2 00	20 00
6 "	3	6	9	12	15	18	21	24	27	30	3 00	30 00
9 "	$4\frac{1}{2}$	9	14	18	23	27	32	36	41	45	4 50	45 00
1 Yr.	6	12	18	24	30	36	42	48	54	60	6 00	60 00

INTEREST LAWS OF ALL THE STATES.

STATES AND TERRITORIES.	PENALTY OF USURY.	Legal.	Special.
Alabama	Loss of interest	8	.....
Arizona	No Penalty	10	No limit.
Arkansas	Forfeiture of principal & interest.	6	10 per ct.
California	No penalty	7	No limit.
Colorado	No penalty	10	No limit.
Connecticut....	No penalty	6	6 per ct.
Dakota	Forfeiture of contract	7	12 per ct.
Delaware	Forfeiture of contract	6	6 per ct.
District of Col..	Forfeiture of all interest.....	6	10 per ct.
Florida	No penalty	8	No limit.
Georgia	Forfeiture of excess	7	8 per ct.
Idaho	Forfeiture of 3 times excess of int.	10	18 per ct.
Illinois	Forfeiture of all interest.....	6	8 per ct.
Indiana	Forfeiture of int. over 6 per cent.	6	8 per ct.
Iowa	Forfeiture of interest and costs..	6	10 per ct.
Kansas	Forfeiture of excess over 12 per ct.	7	12 per ct.
Kentucky	Forfeiture of excess	6	6 per ct.
Louisiana	Forfeiture of interest	5	8 per ct.
Maine	No penalty	6	No limit.
Maryland	Forfeiture of excess	6	6 per ct.
Massachusetts .	No penalty—6 per ct. on judg'ts.	6	No limit.
Michigan	Forfeiture of excess	7	10 per ct.
Minnesota	Forfeiture of contract	7	10 per ct.
Mississippi	Forfeiture of all interest.....	6	10 per ct.
Missouri	Forfeiture of all interest	6	10 per ct.
Montana	No penalty	10	No limit.
Nebraska	Forfeiture of all interest & costs.	7	10 per ct.
Nevada	No penalty	10	No limit.
New Hampshire	Forfeiture of 3 times excess of int.	6	6 per ct.
New Jersey	Forfeiture of all interest.....	6	6 per ct.
New Mexico ...	No penalty	6	12 per ct.
New York	Forfeiture of contract.*	6	6 per ct.
North Carolina.	Forfeiture of double am't of int.	6	8 per ct.
Ohio	Forfeiture of excess	6	8 per ct.
Oregon	Forfeiture of prin., int. & costs..	8	10 per ct.
Pennsylvania ..	Forfeiture of excess, Act of 1858.	6	6 per ct.
Rhode Island ..	Forfeiture, unless by contract.†	6	No limit.
South Carolina.	Forfeiture of interest	7	10 per ct.
Tennessee	Forfeiture of over 6 per cent....	6	6 per ct.
Texas	Forfeiture of interest	8	12 per ct.
Utah	No penalty	10	No limit.
Vermont	Forfeiture of excess	6	7 per ct.
Virginia	Forfeiture of excess	6	6 per ct.
Washington....	No penalty	10	No limit.
West Virginia..	Forfeiture of excess	6	6 per ct.
Wisconsin	Forfeiture of all interest	7	10 per ct.
Wyoming	No penalty	12	No limit.

* Also punishable as a misdemeanor. Banks forfeit interest only, or double the interest if charged in advance.

† Also 6 per cent. on judgments.

NEW WEATHER SIGNALS.

[Adopted for general use by the United States Signal Service on and after March 1, 1887.]

INTERPRETATION OF SIGNALS.

No. 1.
White Flag.



Clear or Fair.

No. 2.
Blue Flag.



Rain or Snow.

No. 3.
Black Triangular Flag.



Temperature.

No. 4.
White Flag, Black Center.



Cold Wave.

No. 1, white flag, clear or fair weather, no rain. Number 2, blue flag, rain or snow. Number 3, black triangular flag, refers to temperature, and above numbers 1 or 2, indicates warmer weather; below numbers 1 or 2, colder weather, and when not displayed, stationary weather. Number 4, white flag with black center (cold-wave flag) sudden fall in temperature; this signal is usually ordered at least twenty-four hours in advance of the cold wave. It is not displayed unless a temperature of forty-five degrees, or less, is expected, nor is flag number 3 ever displayed with it.

DISPLAY EXAMPLES.



Fair Weather,
Colder.



Warmer,
Rain or Snow.



Warmer, Fair Weather, fol-
lowed by Rain or Snow.



Fair Weather,
Cold Wave.

RATE OF INCOME ON STOCKS.

Purchased at the following prices, (par value being \$100),
and bearing interest at the following rates.

Paid.	3%	4%	5%	6%	7%	8%	9%
\$50	6 00	8 00	10 00	12 00	14 00	16 00	18 00
55	5 45	7 27	9 09	10 90	12 72	14 55	16 36
60	5 00	6 67	8 33	10 00	11 66	13 33	15 00
65	4 62	6 15	7 69	9 23	10 76	12 30	13 85
70	4 28	5 71	7 14	8 57	10 00	11 42	12 85
75	4 00	5 33	6 66	8 00	9 33	10 66	12 00
80	3 75	5 00	6 25	7 50	8 75	10 00	11 25
85	3 53	4 70	5 88	7 05	8 23	9 41	10 58
90	3 33	4 44	5 55	6 66	7 77	8 88	10 00
91	3 30	4 40	5 49	6 59	7 69	8 79	9 89
92	3 26	4 34	5 43	6 52	7 60	8 70	9 78
93	3 23	4 30	5 38	6 45	7 53	8 60	9 68
94	3 19	4 26	5 32	6 38	7 45	8 51	9 57
95	3 15	4 21	5 26	6 31	7 36	8 42	9 47
96	3 13	4 17	5 21	6 25	7 29	8 33	9 38
97	3 09	4 12	5 15	6 18	7 22	8 25	9 28
98	3 06	4 08	5 10	6 12	7 14	8 16	9 18
99	3 03	4 04	5 05	6 06	7 07	8 08	9 09
101	2 97	3 96	4 95	5 94	6 93	7 92	8 91
102	2 94	3 92	4 90	5 88	6 86	7 84	8 82
103	2 91	3 88	4 85	5 83	6 80	7 77	8 74
104	2 88	3 85	4 81	5 77	6 73	7 69	8 65
105	2 86	3 80	4 76	5 71	6 66	7 61	8 57
106	2 83	3 77	4 72	5 66	6 60	7 55	8 49
107	2 80	3 74	4 67	5 61	6 54	7 48	8 41
108	2 78	3 70	4 63	5 56	6 48	7 41	8 33
109	2 75	3 67	4 59	5 50	6 42	7 34	8 26
110	2 72	3 63	4 54	5 45	6 36	7 27	8 18
115	2 60	3 48	4 34	5 21	6 08	6 95	7 83
120	2 50	3 33	4 16	5 00	5 83	6 66	7 50
130	2 30	3 07	3 84	4 61	5 38	6 15	6 92
140	2 14	2 86	3 57	4 28	5 00	5 71	6 43

VOTE FOR PRESIDENT—1884.

STATES.	POPULAR VOTE.				ELECTORAL VOTE.	
	Blaine.	Cleveland.	Butler.	St. John.	Cleveland.	Blaine.
Alabama	59591	93951	873	612	10	.....
Arkansas	50895	72927	1847	.....	7	.....
California	102416	89288	2017	2920	.....	8
Colorado	36290	27723	1958	761	.....	3
Connecticut ..	65923	67199	1688	2305	6	.....
Delaware	12951	26954	6	55	3	.....
Florida	28031	31766	.....	72	4	.....
Georgia	48603	94667	145	195	12	.....
Illinois	337474	312355	10910	12074	.....	22
Indiana	238463	244990	8293	3028	15	.....
Iowa	197089	177316	.....	1472	.....	13
Kansas	154406	90132	16341	4495	.....	9
Kentucky	118122	152961	1691	3139	13	.....
Louisiana	46347	62540	.....	.....	8	.....
Maine	72209	52140	3953	2160	.....	6
Maryland	85699	96932	531	2794	8	.....
Massachusetts	146724	122481	24433	10026	.....	14
Michigan	192669	149835	42243	18403	.....	13
Minnesota ...	111923	70144	3583	4684	.....	7
Mississippi ...	43509	76510	.....	.....	9	.....
Missouri	202929	235988	.....	2153	16	.....
Nebraska	76912	54391	.....	2899	.....	5
Nevada	7193	5578	26	.....	.....	3
N. Hampshire	43249	39183	552	1571	.....	4
New Jersey ..	123440	127798	3496	6159	9	.....
New York ...	562005	563154	16994	25016	36	.....
N. Carolina ..	125068	142952	.....	454	11	.....
Ohio	400082	368280	5179	11069	.....	23
Oregon	26860	24604	726	492	.....	3
Pennsylvania.	473804	392785	16992	15283	.....	30
Rhode Island	19030	12391	422	928	.....	4
S. Carolina ...	21733	69890	.....	.....	9	.....
Tennessee ...	124078	133258	957	1131	12	.....
Texas	93141	225309	3321	3534	13	.....
Vermont	39514	17331	785	1752	.....	4
Virginia	139356	145497	.....	138	12	.....
W. Virginia ..	63096	67317	810	939	6	.....
Wisconsin ...	161157	146459	4598	7656	.....	11
Total	4851981	4874986	175370	150369	219	182

POPULATION OF PRINCIPAL CITIES.

Cities having a population of 30,000 and upward, according
to the United States Census of 1880.

Rank.		Rank.		
21	Albany, N. Y....	90,758	38	Minn'ap'lis, Minn. 46,887
23	Allegheny, Pa. ..	78,682	40	Nashville, Tenn. 43,350
49	Atlanta, Ga.....	37,409	15	Newark, N. J. .. 136,508
7	Baltimore, Md....	332,313	26	N. Haven, Conn. 62,882
5	Boston, Mass....	362,839	10	New Orleans, La. 216,090
3	Brooklyn, N. Y..	566,663	1	N. York, N. Y. 1,206,299
13	Buffalo, N. Y....	155,134	51	Oakland, Cal. ... 34,555
31	Cambridge, Mass.	52,669	63	Omaha, Neb..... 30,518
44	Camden, N. J. ..	41,659	34	Patterson, N. J.. 51,031
36	Charleston, S. C.	49,984	2	Philadelphia, Pa. 847,170
4	Chicago, Ill.	503,185	12	Pittsburg, Pa. ... 156,389
8	Cincinnati, Ohio.	255,139	53	Portland, Me.... 33,810
11	Cleveland, Ohio.	160,146	20	Providence, R. I. 104,857
33	Columbus, Ohio.	51,647	41	Reading, Pa..... 43,278
47	Dayton, Ohio ...	38,678	25	Richmond, Va... 63,600
50	Denver, Col.	35,629	22	Rochester, N. Y. 89,366
18	Detroit, Mich....	116,340	9	S'n Fr'ncisco, Cal. 233,959
37	Fall River, Mass.	48,961	62	Savannah, Ga. .. 30,709
58	Gr'd Rapids, Mich.	32,016	39	Scranton, Pa. ... 45,850
60	Harrisburg, Pa... 30,762		55	Springfield, Mass. 33,340
43	Hartford, Conn..	42,015	57	St. Joseph, Mo.. 32,431
59	Hoboken, N. J..	30,999	6	St. Louis, Mo.... 350,518
24	Indianapolis, Ind.	75,056	45	St. Paul, Minn. . 41,473
17	Jersey, City, N. J.	120,722	32	Syracuse, N. Y... 51,792
30	Kansas City, Mo.	55,785	35	Toledo, Ohio.... 50,137
46	Lawrence, Mass.	39,151	64	Trenton, N. J. .. 29,910
16	Louisville, Ky. .	123,758	29	Troy, N. Y..... 56,747
27	Lowell, Mass. ...	59,475	52	Utica, N. Y. 33,914
48	Lynn, Mass.	38,274	14	Wash'gton, D.C. 147,293
56	Manchester, N. H.	32,630	61	Wheeling, W. Va. 30,737
54	Memphis, Tenn..	33,592	42	Wilmington, Del. 42,478
19	Milwaukee, Wis.	115,587	28	Worcester, Mass. 58,291

STANDARD TIME.

In this Almanac the risings and settings of the Sun and Moon are given in local mean time, as heretofore. The Tides are given in STANDARD TIME.

To change to STANDARD TIME add or subtract the *minutes* as given below, according as they are marked *plus* or *minus*.

Correction for the following Cities.

Eastern Standard.		Central Standard.	
75° Longitude.		90° Longitude.	
	Minutes.		Minutes.
Bangor, Me.	— 25	Cleveland, Ohio	— 33
Augusta, Me.	— 21	Columbus, Ohio	— 28
Portland, Me.	— 19	Detroit, Mich.	— 28
Boston, Mass.	— 16	Toledo, Ohio.	— 26
Newport, R. I.	— 15	Dayton, Ohio.	— 23
Providence, R. I.	— 14	Cincinnati, Ohio.	— 22
Concord, N. H.	— 14	Louisville, Ky.	— 18
New London, Conn.	— 11	Indianapolis, Ind.	— 16
Springfield, Mass.	— 10	Chicago, Ill.	— 10
Montpelier, Vt.	— 10	Milwaukee, Wis.	— 8
Hartford, Conn.	— 9	Springfield, Ill.	— 2
Montreal, Que.	— 6	Memphis, Tenn.	0
Albany, N. Y.	— 5	New Orleans, La.	0
New York, N. Y.	— 4	St. Louis, Mo.	+ 1
Utica, N. Y.	+ 1	Rock Island, Ill.	+ 3
Philadelphia, Pa.	+ 1	Dubuque, Iowa.	+ 3
Syracuse, N. Y.	+ 5	Burlington, Iowa.	+ 5
Baltimore, Md.	+ 6	St. Paul, Minn.	+ 12
Washington, D. C.	+ 8	Des Moines, Iowa.	+ 14
Rochester, N. Y.	+ 11	Kansas City, Mo.	+ 18
Buffalo, N. Y.	+ 16	Galveston, Texas	+ 19
Pittsburg, Pa.	+ 20	Omaha, Neb.	+ 24
Mountain Standard.		Pacific Standard.	
105° Longitude.		120° Longitude.	
Denver, Col.	0	Sacramento, Cal.	+ 6
Salt Lake City, Utah, +	28	San Francisco, Cal.	+ 10

RATES OF POSTAGE.

POSTAL CARDS, 1 cent each, go without further charge to all parts of the United States and Canada. Cards for foreign countries (within the Postal Union) 2 cents each. Postal Cards are unmailable with any writing or printing on the address side, except the direction, or with anything pasted upon or attached to them.

ALL LETTERS, to all parts of the United States and Canada, 2 cents for each ounce or fraction thereof.

LOCAL, OR "DROP" LETTERS, that is, for the city or town where deposited, 2 cents where the carrier system is adopted, and 1 cent where there is no carrier system.

FIRST CLASS.—Letters and all other written matter, whether sealed or unsealed, and all other matter sealed, nailed, sewed, tied, or fastened in any manner so that it cannot be easily examined, 2 cents for each ounce or fraction thereof.

SECOND CLASS.—Only for publishers and news-agents; 1 cent per pound.

NEWSPAPERS and Periodicals (regular publications) can be mailed by the public at the rate of 1 cent for each 4 ounces or fraction thereof.

THIRD CLASS.—Printed matter, in unsealed wrappers only (all matter inclosed in notched envelopes must pay letter rates), 1 cent for each two ounces or fraction thereof, which must be fully prepaid. This includes books, circulars, chromos, engravings, handbills, lithographs, music, pamphlets, proof-sheets and manuscript accompanying the same, reproductions by the electric pen, hektograph, metallograph, papyrograph, and, in short, any reproduction upon paper by any process except handwriting and the copying-press. Limit of weight 4 lbs., except for a single book, which may weigh more.

FOURTH CLASS.—All mailable matter not included in the three preceding classes which is so prepared for mailing as to be easily withdrawn from the wrapper and examined. Rate, 1 cent per ounce or fraction thereof. Limit of weight, 4 lbs. Full prepayment compulsory.

MONEY ORDERS.

For Orders not exceeding \$5	5 cents.
Exceeding \$5 and not exceeding \$10	8 "
" 10 " "	15 "
" 15 " "	30 "
" 30 " "	40 "
" 40 " "	50 "
" 50 " "	60 "
" 60 " "	70 "
" 70 " "	80 "
" 80 " "	100 "

When a larger sum than \$100 is required, additional Orders to make it up must be obtained.

RATES OF POSTAGE.

POSTAL NOTES.

Upon payment of a fee of 3 cents each, Postal Notes for any amount under Five Dollars may be purchased at any Money-order Office, payable to bearer at any time within three calendar months from the last day of the month during which it was issued; but payable ONLY at such Money-order Office as the purchaser may select or at the office of issue.

FOREIGN POSTAGE.

The rates for letters are for the half ounce or fraction thereof, and those for newspapers for 2 ounces or fraction thereof:—

To Great Britain and Ireland, France, Spain, all parts of Germany, including Austria, Denmark, Switzerland, Italy, Russia, Norway, Sweden, Turkey (European and Asiatic), Egypt, letters 5 cents, newspapers 1 cent for each 2 ounces or fraction thereof.

To Australia, letters, via San Francisco (except to New South Wales), 5 cents; via Brindisi, 15 cents; newspapers, via San Francisco, 2 cents; via Brindisi, 4 cents. China, letters, via San Francisco, 5 cents; via Brindisi, 13 cents, 4 cents for each paper not weighing over 4 ounces. British India, Italian mail, letters 5 cents, newspapers 1 cent for 2 ounces. Japan, letters, via San Francisco 5 cents, newspapers 1 cent for 2 ounces.

VALUES IN UNITED STATES MONEY

OF THE

PURE GOLD OR SILVER

REPRESENTING RESPECTIVELY THE MONETARY UNITS
AND STANDARD COINS OF FOREIGN COUNTRIES.

The first section of the Act of March 3, 1873, provides "that the value of Foreign Coin, as expressed in the money of account of the United States, shall be that of the pure metal of such coin of standard value," and that "the values of the standard coins in circulation of the various nations of the world shall be estimated annually by the Director of the Mint, and be proclaimed on the first day of January by the Secretary of the Treasury."

VALUE OF FOREIGN COINS.

The estimates of values contained in the following table are those made by the Director of the Mint, January 1st, 1837, in compliance with the above stated provisions of law.

COUNTRY.	MONETARY UNIT.	STANDARD.	VALUE.
			D. C. M.
Argentine Repub.	Peso	Gold & silv.	0 96 5
Austria	Florin	Silver	0 35 9
Austria	Florin	Gold	0 48 4
Belgium	Franc	Gold & silv.	0 19 3
Bolivia	Boliviano	Silver	0 72 7
Brazil	Milreis of 1000 reis.	Gold	0 54 6
British America .	Dollar	Gold	1 0 0
Central America.	Dollar	Silver	0 93 5
Chili	Peso	Gold & silv.	0 91 2
Cuba	Peso	Gold & silv.	0 93 2
Denmark	Crown	Gold	0 26 8
Ecuador	Sucre	Silver	0 72 7
Egypt	Piaster	Gold	0 4 9
France	Franc	Gold & silv.	0 19 3
German Empire.	Mark	Gold	0 23 8
Great Britain....	Pound sterling....	Gold	4 86 6½
Greece.....	Drachma	Gold & silv.	0 19 3
Hayti.....	Gourde	Gold & silv.	0 96 5
India	Rupee of 16 annas.	Silver	0 34 6
Italy.....	Lira	Gold & silv.	0 19 3
Japan	Yen	Gold	0 99 7
Japan	Yen	Silver	0 78 4
Liberia	Dollar	Gold	1 0 0
Mexico	Dollar	Silver	0 79 0
Netherlands .	Florin	Gold & silv.	0 40 2
Norway	Crown	Gold	0 26 8
Peru	Sol	Silver	0 72 7
Porto Rico.....	Peso	Gold	0 92 5
Portugal.....	Milreis of 1000 reis.	Gold	1 0 8
Russia.....	Roubl. of 100 cop'ks	Silver	0 58 2
Sandwich Islands	Dollar	Gold	1 0 0
Spain	Pseta of 100 centim.	Gold & silv.	0 19 3
Sweden	Crown	Gold	0 26 8
Switzerland .	Franc.....	Gold & silv.	0 19 3
Tripoli	Mahbub of 20 piast's	Silver	0 65 6
Turkey	Piaster	Gold	0 4 4
U. S. of Colombia	Peso.....	Silver	0 72 7
Uruguay.....	Patacon	Gold	0 94 8
Venezuela.....	Bolivar	Gold & silv.	0 19 3

PRESIDENTS OF THE UNITED STATES.

No.	NAMES.	Born.	Inaugurated.	Term of Office.	Died.	Native of
1	GEORGE WASHINGTON	Feb. 22, 1732	April 30, 1789	8 years.....	Dec. 14, 1799	Virginia.
2	JOHN ADAMS.....	Oct. 30, 1735	Mar. 4, 1797	4 "	July 4, 1826	Mass.
3	THOMAS JEFFERSON...	April 2, 1743	" 4, 1801	8 "	" 4, 1826	Virginia.
4	JAMES MADISON.....	Mar. 16, 1751	" 4, 1809	8 "	June 28, 1837	"
5	JAMES MONROE.....	April 28, 1759	" 4, 1817	8 "	July 4, 1831	"
6	JOHN QUINCY ADAMS.	July 11, 1767	" 4, 1825	4 "	Feb. 23, 1848	Mass.
7	ANDREW JACKSON	Mar. 15, 1767	" 4, 1829	8 "	June 8, 1845	S. Carolina.
8	MARTIN VAN BUREN.	Dec. 5, 1782	" 4, 1837	4 "	July 24, 1862	New York.
9	WM. H. HARRISON ...	Feb. 9, 1773	" 4, 1841	1 month	April 4, 1841	Virginia.
10	JOHN TYLER.....	Mar. 29, 1790	April 6, 1841	3 yrs. 11 mos.	Jan. 17, 1862	"
11	JAMES K. POLK.....	Nov. 2, 1795	Mar. 4, 1845	4 years.....	June 15, 1849	N. Carolina.
12	ZACHARY TAYLOR....	Nov. 24, 1784	" 4, 1849	1 year 4 mos..	July 9, 1850	Virginia.
13	MILLARD FILLMORE..	Jan. 7, 1800	July 9, 1850	2 years 8 mos.	Mar. 8, 1874	New York.
14	FRANKLIN PIERCE....	Nov. 23, 1804	Mar. 4, 1853	4 years.....	Oct. 8, 1869	N. Hamp.
15	JAMES BUCHANAN ...	April 23, 1791	" 4, 1857	4 "	June 1, 1868	Penn.
16	ABRAHAM LINCOLN..	Feb. 12, 1809	" 4, 1861	4 yrs. 40 days.	April 15, 1865	Kentucky.
17	ANDREW JOHNSON....	Dec. 29, 1808	April 15, 1865	3 yrs. 10½ mos.	July 31, 1875	N. Carolina.
18	ULYSSES S. GRANT ...	April 27, 1822	Mar. 4, 1869	8 years.....	July 23, 1885	Ohio.
19	RUTHERF D B. HAYES	Oct. 4, 1822	" 5, 1877	4 " .....	.....	Vermont.
20	JAMES A. GARFIELD..	Nov. 19, 1831	" 4, 1881	6½ months....	Sept. 19, 1881	Ohio.
21	CHESTER A. ARTHUR.	Oct. 5, 1830	Sept. 20, 1881	3 yrs. 5½ mos.	Nov. 18, 1886	Vermont.
22	GROVER CLEVELAND..	Mar. 18, 1837	Mar. 4, 1885	.....	.....	New Jersey.

THE METRIC SYSTEM.

—:O:—

WEIGHTS.

Metric Denominations and Values. Equivalents in Denominations in use.

Names.	No.	Weight of what quantity of Grams.	water at maximum density.	Avoirdupois Weight.
Millier or tonneau	= 1,000,000	= 1 cubic meter	= 2204.6 pounds	
Quintal	= 100,000	= 1 hectoliter	= 220.46 pounds	
Myriagram	= 10,000	= 10 liters	= 22.046 pounds	
Kilogram or kilo	= 1,000	= 1 liter	= 2.2046 pounds	
Hectogram	= 100	= 1 deciliter	= 3.5274 ounces	
Dekagram	= 10	= 1 c. centimet.	= 0.3527 ounce.	
Gram	= 1	= 1 c. centimet.	= 15.432 grains.	
Decigram	= .1	= .1 c. centimet.	= 1.5432 grains.	
Centigram	= .01	= 10 c. millimet.	= 0.1543 grain.	
Milligram	= .001	= 1 c. millimet.	= 0.0154 grain.	

MEASURES OF LENGTH.

Metric Denominations and Values. Equivalents in Denominations in use.

Myriameter	= 10,000 meters	= 6.2137 miles.
Kilometer	= 1,000 meters	= 0.62137 m. or 3,280 ft. 10 in.
Hectometer	= 100 meters	= 328 feet and 1 inch.
Dekameter	= 10 meters	= 39.37 inches.
Meter	= 1 meter	= 39.37 inches.
Decimeter	= .1 of a meter	= 3.937 inches.
Centimeter	= .01 of a meter	= 0.3937 inch.
Millimeter	= .001 of a meter	= 0.0394 inch.

MEASURES OF SURFACE.

Metric Denominations and Values. Equivalents in Denominations in use.

Hectare	= 10,000 square meters	= 2.471 acres.
Are	= 100 square meters	= 119.6 square yards.
Centare	= 1 square meter	= 1,550 square inches.

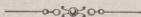
MEASURES OF CAPACITY.

Metric Denominations and Values. Equivalents in Denominations in use.

Names.	No.	Liters.	Cubic Measure.	Dry Measure.	Wine Measure.
Kiloliter	= 1,000	= 1 cubic meter	= 1.308 cubic yards	= 264.17 galls.	
Hectoliter	= 100	= .1 cubic meter	= 2 bush. 3.35 pks.	= 26.417 galls.	
Decaliter	= 10	= 10 c. decimeters	= 9.08 quarts	= 2.6417 galls.	
Liter	= 1	= 1 c. decimeter	= 0.908 quart	= 1.0567 quarts.	
Deciliter	= .1	= .1 c. decimeter	= 6.1022 cubic inch	= 0.845 gill.	
Centiliter	= .01	= 10 c. centimeters	= 0.6102 cubic inch	= 0.338 fluid oz.	
Milliliter	= .001	= 1 c. centimeter	= 0.061 cubic inch	= 0.27 fluid dr.	

FESTIVALS AND FASTS.

Epiphany	Ján. 6
Septuagesima Sunday	Jan. 29
Quinquagesima — Shrove Sunday	Feb. 12
Ash Wednesday	Feb. 15
First Sunday in Lent	Feb. 19
St. Patrick	Mar. 17
Palm Sunday	Mar. 25
Good Friday	Mar. 30
Easter Sunday	April 1
Low Sunday	April 8
Rogation Sunday	May 6
Ascension Day — Holy Thursday	May 10
Pentecost — Whit Sunday	May 20
Trinity Sunday	May 27
Corpus Christi	May 31
St. John Baptist	June 24
Michælmass Day	Sept. 29
St. Andrew	Nov. 30
First Sunday in Advent	Dec. 2
Christmas Day	Dec. 25

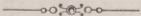


MORNING AND EVENING STARS.

MERCURY will be Evening Star about February 17, June 12, and October 7; and Morning Star about March 30, July 29, and November 17.

VENUS will be Morning Star till July 11; and Evening Star the rest of the year.

JUPITER will be Morning Star till May 22; then Evening Star till December 8; and Morning Star again the rest of the year.



CHRONOLOGICAL CYCLES.

Dominical Letters	A. G.
Epact	17
Lunar Cycle, or Golden Number	8
Solar Cycle	21
Roman Indiction	1
Julian Period	6601

ECLIPSES FOR THE YEAR.

IN the year 1888 there will be five Eclipses; three of the Sun and two of the Moon.

I. A TOTAL ECLIPSE OF THE MOON, January 28. Visible more or less to the world generally, except to the Pacific Ocean. Occurring as follows:—

	Eastern Standard.			Central Standard.			Mountain Standard.		
	D.	H.	M.	D.	H.	M.	D.	H.	M.
Moon enters Penumbra	28	3	27 A.	28	2	27 A.	28	1	27 A.
Moon enters Shadow...	28	4	30 "	28	3	30 "	28	2	30 "
Total Eclipse begins....	28	5	31 "	28	4	31 "	28	3	31 "
Middle of Eclipse	28	6	20 "	28	5	20 "	28	4	20 "
Total Eclipse ends.....	28	7	9 "	28	6	9 "	28	5	9 "
Moon leaves Shadow...	28	8	9 "	28	7	9 "	28	6	9 "
Moon leaves Penumbra	28	9	12 "	28	8	12 "	28	7	12 "

Magnitude of Eclipse = 1.647, (Moon's diameter = 1).

II. A PARTIAL ECLIPSE OF THE SUN, February 11. Invisible. Visible to the Antarctic Ocean and southern Patagonia.

III. A PARTIAL ECLIPSE OF THE SUN, July 9. Invisible. Visible to the southern Indian Ocean.

IV. A TOTAL ECLIPSE OF THE MOON, July 22-23. Visible to the larger part of the world, except eastern Europe and Asia. Happening as follows:—

	Eastern Standard.			Central Standard.			Mountain Standard.		
	D.	H.	M.	D.	H.	M.	D.	H.	M.
Moon enters Penumbra	22	9	55 A.	22	8	55 A.	22	7	55 A.
Moon enters Shadow ...	22	10	54 "	22	9	54 "	22	8	54 "
Total eclipse begins	22	11	53 "	22	10	53 "	22	9	53 "
Middle of Eclipse.....	23	0	45 M.	22	11	45 "	22	10	45 "
Total Eclipse ends.....	23	1	36 "	23	0	36 M.	22	11	36 "
Moon leaves Shadow...	23	2	35 "	23	1	35 "	23	0	35 M.
Moon leaves Penumbra	23	3	34 "	23	2	34 "	23	1	34 "

Magnitude of Eclipse = 1.825, (Moon's diameter = 1.)

V. A PARTIAL ECLIPSE OF THE SUN, August 7. Invisible. Visible to the Arctic Ocean and adjacent regions, including Norway and Sweden.

TIDE TABLE

(The following values are derived from late determinations of the United States Coast Survey.)

To find the time (Standard Time) of High Water at any of the following places, add or subtract the hours and minutes opposite the name of place in the following Table, to or from the hours and minutes of High Water at NEW YORK for the required day, as found in the *Calendar Page*.

EASTERN STANDARD.		H.	M.	Mean range. Feet.
Portland, Me.....	add	2	55	9.1
Portsmouth, N. H.....	"	3	3	8.6
Salem, Mass.	"	2	54	9.2
Nantucket, Mass.	"	4	15	3.0
Vineyard Haven, Mass.....	"	3	22	1.6
Wood's Hole, South Side, Mass.....	"	0	14	1.6
New Bedford Entrance (Dumpling Rock), Mass. }	sub.	0	20	3.7
Newport, R. I.....	"	0	33	3.9
Point Judith, R. I.....	"	0	45	3.1
Sandy Hook, N. J.....	"	0	36	4.7
Watch Hill, R. I.....	add	0	44	2.7
Stonington, Conn.....	"	0	52	2.7
New London, Conn.....	"	1	12	2.5
New Haven, Conn.	"	2	57	6.0
Throg's Neck, N. Y.....	"	3	12	7.3
Cape May Landing, N. J.	"	0	16	4.8
Philadelphia, Penn.	"	5	42	6.0
Annapolis, Md.	sub.	3	19	0.9
Baltimore, Md.	"	1	24	1.3
Richmond, Va.....	"	3	25	3.6
Beaufort, N. C.	"	0	35	2.8
Charleston (C. H. Wharf), S. C.	"	0	19	5.1
CENTRAL STANDARD.				
Fort Pulaski (Savannah Ent.), Ga.	"	1	22	6.9
Savannah (Dry Dock Wharf), Ga.....	"	0	25	6.5
St. Augustine, Fla.....	"	0	17	4.1
Key West, Fla.	add	1	4	1.2
Tampa Bay (Egmont Key), Fla.....	"	2	49	1.2
Cedar Keys (Depot Key), Fla.	"	4	52	1.9



MOON'S PHASES.

Last Quarter, . . .
New Moon, . . .
First Quarter, . . .
Full Moon, . . .

BOSTON.

6d. 6h. 42m. a.m.
13d. 3h. 38m. a.m.
20d. 11h. 49m. p.m.
28d. 6h. 19m. p.m.

CHICAGO.

6d. 5h. 42m. a.m.
13d. 2h. 38m. a.m.
20d. 10h. 49m. p.m.
28d. 5h. 19m. p.m.

1888 BOSTON & CHICAGO.

D. of M.	Day of Week.	Sun R. & S. h. m.	Bost. Tide.		Moon R. & S. h. m.
			Morn'g h. m.	Even'g h. m.	
1	S	r7 30	0 26	0 49	7 14
2	Mo	s4 39	1 12	1 36	8 21
3	Tu	r7 30	1 59	2 23	9 30
4	We	s4 41	2 47	3 11	10 40
5	Th	r7 30	3 36	4 2	11 50
6	Fr	s4 43	4 30	4 57	morn
7	Sa	r7 30	5 30	6 1	1 0
8	S	s4 45	6 33	7 5	2 11
9	Mo	r7 29	7 37	8 8	3 22
10	Tu	s4 47	8 38	9 8	4 32
11	We	r7 29	9 38	10 6	5 39
12	Th	s4 49	10 33	10 58	6 39
13	Fr	r7 28	11 22	11 45	sets.
14	Sa	s4 51	.....	0 8	6 26
15	S	r7 27	0 30	0 53	7 29
16	Mo	s4 54	1 15	1 36	8 31
17	Tu	r7 26	1 57	2 18	9 32
18	We	s4 56	2 38	2 58	10 32
19	Th	r7 25	3 18	3 39	11 30
20	Fr	s4 59	4 1	4 23	morn
21	Sa	r7 24	4 47	5 12	0 27
22	S	s5 1	5 38	6 4	1 25
23	Mo	r7 23	6 31	6 59	2 24
24	Tu	s5 3	7 27	7 55	3 23
25	We	r7 21	8 22	8 49	4 21
26	Th	s5 6	9 16	9 43	5 18
27	Fr	r7 20	10 9	10 34	6 12
28	Sa	s5 8	10 59	11 22	rises
29	S	r7 18	11 45	.....	6 8
30	Mo	s5 11	0 8	0 31	7 18
31	Tu	r7 16	0 54	1 17	8 29

NEW YORK & PHILA.

D. of M.	Sun R. & S. h. m.	N. Y. Tide.		Moon R. & S. h. m.
		Morn'g h. m.	Even'g h. m.	
1	r7 25	9 47	10 10	7 18
2	s4 44	10 32	10 54	8 24
3	r7 25	11 17	11 43	9 32
4	s4 46	.....	0 9	10 41
5	r7 25	0 35	1 1	11 50
6	s4 48	1 28	1 57	morn
7	r7 25	2 29	3 1	0 59
8	s4 50	3 32	4 2	2 9
9	r7 24	4 33	5 5	3 19
10	s4 52	5 36	6 6	4 28
11	r7 24	6 36	7 4	5 34
12	s4 54	7 29	7 52	6 34
13	r7 23	8 17	8 42	sets.
14	s4 56	9 6	9 29	6 30
15	r7 23	9 51	10 12	7 32
16	s4 58	10 32	10 51	8 33
17	r7 22	11 12	11 33	9 33
18	s5 1	11 54	.....	10 32
19	r7 21	0 16	0 38	11 29
20	s5 3	1 0	1 23	morn
21	r7 20	1 46	2 11	0 26
22	s5 5	2 36	3 2	1 23
23	r7 18	3 29	3 56	2 21
24	s5 8	4 23	4 50	3 19
25	r7 17	5 18	5 46	4 17
26	s5 10	6 14	6 40	5 13
27	r7 15	7 6	7 30	6 7
28	s5 12	7 53	8 17	rises
29	r7 14	8 41	9 6	6 11
30	s5 15	9 30	9 52	7 20
31	r7 12	10 14	10 35	8 30



MOON'S PHASES.

Last Quarter, . . .
New Moon, . . .
First Quarter, . . .
Full Moon, . . .

BOSTON.

4d. 2h. 26m. p.m.
11d. 6h. 52m. p.m.
19d. 8h. 59m. p.m.
27d. 6h. 57m. a.m.

CHICAGO.

4d. 1h. 26m. p.m.
11d. 5h. 52m. p.m.
19d. 7h. 59m. p.m.
27d. 5h. 57m. a.m.

1888

BOSTON & CHICAGO.

NEW YORK & PHILA.

D. of M.	Day of Week.	Sun R. & S. h. m.	BOST. TIDE.		Moon R. & S. h. m.	D. of M.	Sun R. & S. h. m.	N. Y. TIDE.		Moon R. & S. h. m.
			Morn'g h. m.	Even'g h. m.				Morn'g h. m.	Even'g h. m.	
1	We	r7 15	1 40	2 3	9 40	1	r7 11	10 57	11 21	9 40
2	Th	s5 15	2 26	2 50	10 51	2	s5 18	11 47	.....	10 50
3	Fr	r7 13	3 15	3 40	morn	3	r7 9	0 13	0 39	11 59
4	Sa	s5 18	4 7	4 36	0 1	4	s5 21	1 6	1 35	morn
5	S	r7 10	5 7	5 40	1 11	5	r7 7	2 6	2 38	1 8
6	Mo	s5 20	6 13	6 46	2 21	6	s5 23	3 10	3 43	2 17
7	Tu	r7 8	7 19	7 52	3 28	7	r7 5	4 16	4 49	3 24
8	We	s5 23	8 24	8 54	4 29	8	s5 26	5 21	5 51	4 24
9	Th	r7 6	9 23	9 50	5 24	9	r7 2	6 20	6 48	5 19
10	Fr	s5 25	10 16	10 41	6 13	10	s5 28	7 13	7 36	6 9
11	Sa	r7 3	11 4	11 25	sets.	11	r7 0	7 58	8 19	sets.
12	S	s5 28	11 45	.....	6 17	12	s5 31	8 41	9 3	6 20
13	Mo	r7 0	0 5	0 25	7 18	13	r6 58	9 23	9 43	7 20
14	Tu	s5 31	0 45	1 4	8 18	14	s5 33	10 2	10 20	8 19
15	We	r6 58	1 23	1 42	9 17	15	r6 55	10 37	10 55	9 17
16	Th	s5 33	2 1	2 19	10 15	16	s5 36	11 14	11 34	10 14
17	Fr	r6 55	2 38	2 58	11 13	17	r6 53	11 55	.....	11 11
18	Sa	s5 36	3 18	3 40	morn	18	s5 38	0 16	0 39	morn
19	S	r6 52	4 3	4 27	0 11	19	r6 50	1 2	1 26	0 8
20	Mo	s5 38	4 52	5 20	1 10	20	s5 40	1 51	2 19	1 6
21	Tu	r6 49	5 49	6 18	2 8	21	r6 47	2 47	3 16	2 4
22	We	s5 41	6 48	7 19	3 5	22	s5 43	3 45	4 15	3 0
23	Th	r6 46	7 49	8 19	3 59	23	r6 44	4 45	5 16	3 54
24	Fr	s5 43	8 49	9 18	4 50	24	s5 45	5 46	6 15	4 45
25	Sa	r6 43	9 45	10 12	5 37	25	r6 41	6 43	7 9	5 33
26	S	s5 46	10 37	11 1	6 18	26	s5 48	7 33	7 55	6 15
27	Mo	r6 40	11 24	11 46	rises	27	r6 38	8 18	8 42	rises
28	Tu	s5 48	.....	0 9	7 22	28	s5 50	9 7	9 30	7 23
29	We	r6 37	0 32	0 55	8 36	29	r6 35	9 53	10 15	8 36
..	...					..				
..	...					..				



MOON'S PHASES.

Last Quarter, . . .
New Moon, . . .
First Quarter, . . .
Full Moon, . . .

BOSTON.

4d. 10h. 26m. p.m.
12d. 11h. 21m. a.m.
20d. 3h. 43m. p.m.
27d. 5h. 7m. p.m.

CHICAGO.

4d. 9h. 26m. p.m.
12d. 10h. 21m. a.m.
20d. 2h. 43m. p.m.
27d. 4h. 7m. p.m.

1888

BOSTON & CHICAGO.

NEW YORK & PHILA.

D. of M.	Day of Week.	Sun R. & S. h. m.	BOST. TIDE.		Moon R. & S. h. m.	D. of M.	Sun R. & S. h. m.	N. Y. TIDE.		Moon R. & S. h. m.
			Morn'g h. m.	Even'g h. m.				Morn'g h. m.	Even'g h. m.	
1	Th	r6 35	1 18	1 42	9 50	1	r6 34	10 37	11 0	9 48
2	Fr	s5 52	2 6	2 30	11 3	2	s5 53	11 25	11 52	11 0
3	Sa	r6 32	2 55	3 21	morn	3	r6 31	....	0 19	morn
4	S	s5 54	3 49	4 19	0 14	4	s5 55	0 48	1 18	0 10
5	Mo	r6 28	4 50	5 23	1 22	5	r6 28	1 49	2 21	1 18
6	Tu	s5 57	5 57	6 31	2 25	6	s5 57	2 55	3 29	2 20
7	We	r6 25	7 4	7 37	3 21	7	r6 24	4 2	4 34	3 16
8	Th	s5 59	8 8	8 37	4 10	8	s6 0	5 5	5 35	4 6
9	Fr	r6 22	9 5	9 31	4 53	9	r6 21	6 3	6 29	4 49
10	Sa	s6 1	9 54	10 17	5 30	10	s6 2	6 52	7 14	5 27
11	S	r6 18	10 39	11 0	6 3	11	r6 18	7 34	7 53	6 1
12	Mo	s6 4	11 18	11 36	sets.	12	s6 4	8 13	8 32	sets.
13	Tu	r6 15	11 54	....	7 7	13	r6 15	8 52	9 11	7 7
14	We	s6 6	0 12	0 30	8 7	14	s6 6	9 29	9 47	8 6
15	Th	r6 12	0 49	1 7	9 5	15	r6 11	10 5	10 22	9 3
16	Fr	s6 8	1 26	1 44	10 2	16	s6 8	10 39	10 57	9 59
17	Sa	r6 8	2 3	2 23	11 0	17	r6 8	11 17	11 39	10 57
18	S	s6 10	2 43	3 4	11 58	18	s6 11	....	0 1	11 54
19	Mo	r6 5	3 26	3 50	morn	19	r6 5	0 24	0 49	morn
20	Tu	s6 13	4 16	4 44	0 54	20	s6 13	1 15	1 42	0 49
21	We	r6 1	5 13	5 43	1 48	21	r6 1	2 11	2 41	1 43
22	Th	s6 15	6 14	6 46	2 39	22	s6 15	3 12	3 43	2 34
23	Fr	r5 58	7 18	7 50	3 27	23	r5 58	4 15	4 46	3 23
24	Sa	s6 17	8 21	8 50	4 10	24	s6 17	5 17	5 47	4 6
25	S	r5 54	9 19	9 46	4 49	25	r5 55	6 17	6 44	4 46
26	Mo	s6 19	10 12	10 37	5 25	26	s6 19	7 9	7 32	5 23
27	Tu	r5 51	11 1	11 23	rises	27	r5 51	7 54	8 18	rises
28	We	s6 22	11 45	....	7 28	28	s6 21	8 42	9 6	7 27
29	Th	r5 47	0 8	0 32	8 43	29	r5 48	9 30	9 54	8 41
30	Fr	s6 24	0 56	1 20	9 58	30	s6 23	10 17	10 40	9 55
31	Sa	r5 44	1 45	2 11	11 11	31	r5 45	11 5	11 33	11 7



MOON'S PHASES.

Last Quarter, . . .
New Moon, ...
First Quarter, . . .
Full Moon, ...

BOSTON.

3d. 7h. 41m. a.m.
11d. 4h. 8m. a.m.
19d. 6h. 52m. a.m.
26d. 1h. 22m. a.m.

CHICAGO.

3d. 6h. 41m. a.m.
11d. 3h. 8m. a.m.
19d. 5h. 52m. a.m.
26d. 0h. 22m. a.m.

1888 BOSTON & CHICAGO.

D. of M.	Day of Week.	Sun R. & S. h. m.	BOST. TIDE.		Moon R. & S. h. m.
			Morn'g h. m.	Even'g h. m.	
1	S	r5 42	2 38	3 5	morn
2	Mo	s6 27	3 33	4 3	0 18
3	Tu	r5 39	4 35	5 8	1 18
4	We	s6 30	5 41	6 13	2 10
5	Th	r5 35	6 35	7 16	2 54
6	Fr	s6 32	7 46	8 14	3 32
7	Sa	r5 32	8 39	9 3	4 6
8	S	s6 34	9 26	9 48	4 36
9	Mo	r5 28	10 9	10 29	5 3
10	Tu	s6 36	10 48	11 6	5 30
11	We	r5 25	11 23	11 41	sets.
12	Th	s6 38	11 59	.....	7 55
13	Fr	r5 22	0 17	0 35	8 53
14	Sa	s6 41	0 53	1 13	9 51
15	S	r5 19	1 33	1 53	10 48
16	Mo	s6 43	2 14	2 36	11 43
17	Tu	r5 15	2 59	3 22	morn
18	We	s6 45	3 47	4 14	0 34
19	Th	r5 12	4 44	5 15	1 22
20	Fr	s6 47	5 46	6 18	2 6
21	Sa	r5 9	6 50	7 21	2 45
22	S	s6 50	7 51	8 21	3 21
23	Mo	r5 6	8 50	9 18	3 55
24	Tu	s6 52	9 45	10 11	4 28
25	We	r5 3	10 36	11 0	5 1
26	Th	s6 54	11 24	11 47	rises
27	Fr	r5 0	.....	0 11	8 48
28	Sa	s6 56	0 37	1 3	10 1
29	S	r4 58	1 29	1 56	11 7
30	Mo	s6 59	2 22	2 49	morn

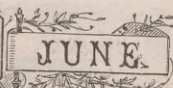
NEW YORK & PHILA.

D. of M.	Sun R. & S. h. m.	N. Y. TIDE.		Moon R. & S. h. m.
		Morn'g h. m.	Even'g h. m.	
1	r5 43	.....	0 2	morn
2	s6 26	0 32	1 2	0 13
3	r5 40	1 34	2 6	1 13
4	s6 28	2 39	3 11	2 5
5	r5 36	3 43	4 13	2 50
6	s6 30	4 42	5 10	3 29
7	r5 33	5 36	6 1	4 3
8	s6 32	6 24	6 46	4 34
9	r5 30	7 6	7 25	5 2
10	s6 34	7 42	7 59	5 30
11	r5 27	8 18	8 37	sets.
12	s6 37	8 56	9 15	7 53
13	r5 28	9 33	9 51	8 50
14	s6 39	10 9	10 28	9 47
15	r5 21	10 48	11 8	10 44
16	s6 41	11 31	11 56	11 38
17	r5 18	.....	0 21	morn
18	s6 43	0 46	1 14	0 29
19	r5 15	1 43	2 13	1 17
20	s6 45	2 44	3 16	2 2
21	r5 12	3 47	4 17	2 42
22	s6 47	4 47	5 17	3 19
23	r5 9	5 47	6 16	3 54
24	s6 49	6 43	7 8	4 28
25	r5 6	7 32	7 55	5 2
26	s6 51	8 18	8 44	rises
27	r5 3	9 10	9 36	8 44
28	s6 53	10 1	10 25	9 57
29	r5 1	10 50	11 17	11 2
30	s6 55	11 46	.....	morn



MOON'S PHASES.	BOSTON.	CHICAGO.
Last Quarter, . . .	2d. 6h. 47m. p.m.	2d. 5h. 47m. p.m.
New Moon, ...	10d. 8h. 23m. p.m.	10d. 7h. 23m. p.m.
First Quarter, . . .	18d. 6h. 5m. p.m.	18d. 5h. 5m. p.m.
Full Moon, ...	25d. 8h. 40m. a.m.	25d. 7h. 40m. a.m.

1833 BOSTON & CHICAGO.						NEW YORK & PHILA.					
D. of M.	Day of Week.	Sun R. & S. h. m.	BOST. TIDE.		Moon R. & S. h. m.	D. of M.	Su. R. & S. h. m.	N. Y. TIDE.		Moon R. & S. h. m.	
			Morn'g h. m.	Even'g h. m.				Morn'g h. m.	Even'g h. m.		
1	Tu	r4 55	3 17	3 46	0 5	1	r4 58	0 15	0 45	0 0	
2	We	s7 1	4 16	4 46	0 54	2	s6 57	1 15	1 45	0 50	
3	Th	r4 52	5 17	5 47	1 35	3	r4 56	2 15	2 45	1 31	
4	Fr	s7 3	6 17	6 46	2 10	4	s6 59	3 14	3 43	2 7	
5	Sa	r4 49	7 13	7 39	2 40	5	r4 53	4 10	4 36	2 38	
6	S	s7 5	8 4	8 29	3 8	6	s7 2	5 2	5 26	3 7	
7	Mo	r4 47	8 51	9 12	3 35	7	r4 51	5 48	6 10	3 35	
8	Tu	s7 7	9 33	9 54	4 1	8	s7 4	6 31	6 52	4 2	
9	We	r4 45	10 15	10 35	4 27	9	r4 49	7 11	7 30	4 29	
10	Th	s7 9	10 53	11 11	4 53	10	s7 6	7 47	8 4	4 55	
11	Fr	r4 42	11 29	11 48	sets.	11	r4 46	8 24	8 45	sets.	
12	Sa	s7 12	....	0 7	8 43	12	s7 8	9 5	9 25	8 39	
13	S	r4 40	0 27	0 48	9 39	13	r4 44	9 46	10 6	9 34	
14	Mo	s7 14	1 9	1 30	10 31	14	s7 9	10 26	10 46	10 26	
15	Tu	r4 38	1 52	2 15	11 20	15	r4 42	11 9	11 33	11 15	
16	We	s7 16	2 38	3 2	morn	16	s7 11	11 58	....	morn	
17	Th	r4 36	3 26	3 52	0 4	17	r4 41	0 24	0 51	0 0	
18	Fr	s7 18	4 20	4 49	0 44	18	s7 13	1 19	1 48	0 40	
19	Sa	r4 34	5 19	5 49	1 20	19	r4 39	2 17	2 47	1 17	
20	S	s7 20	6 20	6 51	1 53	20	s7 15	3 18	3 49	1 51	
21	Mo	r4 32	7 22	7 52	2 25	21	r4 37	4 19	4 48	2 24	
22	Tu	s7 22	8 21	8 49	2 58	22	s7 17	5 17	5 46	2 58	
23	We	r4 31	9 17	9 45	3 30	23	r4 36	6 15	6 43	3 32	
24	Th	s7 24	10 13	10 39	4 7	24	s7 18	7 10	7 34	4 10	
25	Fr	r4 29	11 5	11 29	rises	25	r4 34	7 58	8 25	rises	
26	Sa	s7 25	11 54	....	8 48	26	s7 20	8 52	9 19	8 43	
27	S	r4 28	0 21	0 48	9 52	27	r4 33	9 46	10 11	9 47	
28	Mo	s7 27	1 14	1 40	10 46	28	s7 22	10 35	11 0	10 41	
29	Tu	r4 27	2 6	2 32	11 32	29	r4 32	11 27	11 55	11 28	
30	We	s7 29	2 58	3 24	morn	30	s7 23	....	0 22	morn	
31	Th	r4 26	3 50	4 17	0 10	31	r4 31	0 49	1 16	0 7	



MOON'S PHASES.

Last Quarter, . . .
New Moon, . . .
First Quarter, . . .
Full Moon, . . .
Last Quarter, . . .

BOSTON.

1d. 7h. 53m. a.m.
9d. 11h. 34m. a.m.
17d. 1h. 50m. a.m.
23d. 4h. 7m. p.m.
30d. 10h. 52m. p.m.

CHICAGO.

1d. 6h. 53m. a.m.
9d. 10h. 34m. a.m.
17d. 0h. 50m. a.m.
23d. 3h. 7m. p.m.
30d. 9h. 52m. p.m.

1888

BOSTON & CHICAGO.

NEW YORK & PHILA.

D. of M.	Day of Week.	Sun R. & S. h. m.	BOST. TIDE.		Moon R. & S. h. m.	D. of M.	Sun R. & S. h. m.	N. Y. TIDE.		Moon R. & S. h. m.
			Morn'g h. m.	Even'g h. m.				Morn'g h. m.	Even'g h. m.	
1	Fr	r4 25	4 44	5 11	0 43	1	r4 31	1 43	2 9	0 40
2	Sa	s7 31	5 38	6 4	1 12	2	s7 26	2 36	3 2	1 10
3	Sa	r4 25	6 31	6 57	1 39	3	r4 30	3 28	3 54	1 38
4	Mo	s7 32	7 22	7 46	2 5	4	s7 27	4 19	4 43	2 5
5	Tu	r4 24	8 10	8 33	2 30	5	r4 29	5 7	5 30	2 31
6	We	s7 34	8 55	9 17	2 56	6	s7 28	5 53	6 15	2 58
7	Th	r4 23	9 39	10 0	3 25	7	r4 29	6 37	6 58	3 28
8	Fr	s7 35	10 22	10 43	3 57	8	s7 29	7 18	7 38	4 1
9	Sa	r4 23	11 3	11 23	sets.	9	r4 28	7 57	8 17	sets.
10	Sa	s7 36	11 44	.....	8 28	10	s7 30	8 40	9 3	8 23
11	Mo	r4 22	0 5	0 27	9 18	11	r4 28	9 25	9 47	9 13
12	Tu	s7 37	0 49	1 11	10 5	12	s7 31	10 7	10 28	10 0
13	We	r4 22	1 33	1 56	10 47	13	r4 28	10 50	11 13	10 43
14	Th	s7 38	2 19	2 42	11 23	14	s7 32	11 38	.....	11 20
15	Fr	r4 22	3 6	3 30	11 56	15	r4 28	0 3	0 28	11 54
16	Sa	s7 38	3 55	4 22	morn	16	s7 33	0 54	1 21	morn
17	Sa	r4 22	4 50	5 20	0 28	17	r4 28	1 48	2 18	0 27
18	Mo	s7 39	5 50	6 21	0 59	18	s7 34	2 48	3 18	0 59
19	Tu	r4 23	6 52	7 24	1 30	19	r4 28	3 49	4 20	1 31
20	We	s7 40	7 55	8 25	2 3	20	s7 34	4 51	5 22	2 5
21	Th	r4 23	8 55	9 24	2 40	21	r4 29	5 52	6 22	2 43
22	Fr	s7 40	9 53	10 21	3 23	22	s7 35	6 51	7 18	3 27
23	Sa	r4 24	10 49	11 15	rises	23	r4 29	7 44	8 11	rises
24	Sa	s7 40	11 41	.....	8 32	24	s7 35	8 37	9 4	8 27
25	Mo	r4 24	0 7	0 32	9 23	25	r4 30	9 30	9 54	9 19
26	Tu	s7 40	0 57	1 21	10 7	26	s7 35	10 18	10 41	10 3
27	We	r4 25	1 46	2 10	10 44	27	r4 31	11 4	11 28	10 41
28	Th	s7 40	2 33	2 55	11 15	28	s7 35	11 52	.....	11 13
29	Fr	r4 26	3 18	3 41	11 42	29	r4 31	0 16	0 40	11 41
30	Sa	s7 40	4 4	4 28	morn	30	s7 35	1 3	1 27	morn



MOON'S PHASES.

New Moon, ...
First Quarter, ...
Full Moon, ...
Last Quarter, ...

BOSTON.

9d. 1h. 16m. a.m.
13d. 7h. 13m. a.m.
23d. 0h. 45m. a.m.
30d. 3h. 29m. p.m.

CHICAGO.

9d. 0h. 16m. a.m.
16d. 6h. 13m. a.m.
22d. 11h. 45m. p.m.
30d. 2h. 29m. p.m.

1888 BOSTON & CHICAGO.

D. of M.	Day of Week.	BOST. TIDE.				Moon R. & S.
		Sun R. & S. h. m.	Morn'g h. m.	Even'g h. m.		
1	S	r4 27	4 53	5 19	0 8	
2	Mo	s7 40	5 44	6 9	0 34	
3	Tu	r4 28	6 34	7 0	1 0	
4	We	s7 40	7 26	7 51	1 27	
5	Th	r4 29	8 16	8 41	1 57	
6	Fr	s7 39	9 5	9 29	2 32	
7	Sa	r4 30	9 53	10 17	3 12	
8	S	s7 38	10 40	11 2	3 56	
9	Mo	r4 32	11 23	11 45	sets.	
10	Tu	s7 37	.....	0 7	8 46	
11	We	r4 33	0 29	0 52	9 24	
12	Th	s7 36	1 15	1 38	9 59	
13	Fr	r4 35	2 0	2 22	10 31	
14	Sa	s7 35	2 44	3 8	11 2	
15	S	r4 36	3 32	3 57	11 33	
16	Mo	s7 34	4 24	4 53	morn	
17	Tu	r4 38	5 23	5 54	0 5	
18	We	s7 32	6 26	6 59	0 39	
19	Th	r4 40	7 33	8 6	1 18	
20	Fr	s7 31	8 38	9 9	2 3	
21	Sa	r4 42	9 39	10 8	2 55	
22	S	s7 29	10 36	11 2	3 53	
23	Mo	r4 44	11 26	11 50	rises	
24	Tu	s7 28	.....	0 13	8 38	
25	We	r4 45	0 36	0 58	9 12	
26	Th	s7 26	1 20	1 41	9 42	
27	Fr	r4 47	2 2	2 22	10 10	
28	Sa	s7 23	2 42	3 3	10 36	
29	S	r4 49	3 23	3 45	11 2	
30	Mo	s7 21	4 7	4 31	11 26	
31	Tu	r4 51	4 56	5 21	11 58	

NEW YORK & PHILA.

D. of M.	Sun R. & S. h. m.	N. Y. TIDE.		Moon R. & S. h. m.
		Morn'g h. m.	Even'g h. m.	
1	r4 32	1 52	2 17	0 8
2	s7 34	2 42	3 7	0 35
3	r4 33	3 32	3 57	1 2
4	s7 34	4 22	4 47	1 30
5	r4 35	5 13	5 39	2 0
6	s7 33	6 3	6 27	2 36
7	r4 36	6 51	7 14	3 17
8	s7 33	7 35	7 56	4 1
9	r4 38	8 19	8 42	sets.
10	s7 32	9 5	9 28	8 42
11	r4 39	9 50	10 12	9 21
12	s7 31	10 33	10 54	9 56
13	r4 40	11 16	11 40	10 29
14	s7 30	.....	0 5	11 1
15	r4 41	0 30	0 56	11 34
16	s7 29	1 23	1 51	morn
17	r4 43	2 21	2 52	0 7
18	s7 28	3 24	3 56	0 42
19	r4 45	4 29	5 3	1 22
20	s7 26	5 36	6 7	2 7
21	r4 46	6 37	7 6	3 0
22	s7 25	7 32	7 56	3 58
23	r4 48	8 20	8 46	rises
24	s7 23	9 12	9 35	8 35
25	r4 50	9 56	10 16	9 10
26	s7 21	10 36	10 56	9 41
27	r4 52	11 16	11 38	10 9
28	s7 19	.....	0 0	10 36
29	r4 54	0 22	0 44	11 3
30	s7 17	1 7	1 30	11 31
31	r4 56	1 54	2 19	morn



MOON'S PHASES.	BOSTON.	CHICAGO.
New Moon, ...	7d. 1h. 21m. p.m.	7d. 0h. 21m. p.m.
First Quarter, . . .	14d. 11h. 44m. a.m.	14d. 10h. 44m. a.m.
Full Moon, ...	21d. 11h. 20m. a.m.	21d. 10h. 20m. a.m.
Last Quarter, . . .	29d. 9h. 18m. a.m.	29d. 8h. 18m. a.m.

1888		BOSTON & CHICAGO.					NEW YORK & PHILA.				
D. of M.	Day of Week.	Sun R. & S. h. m.	BOST. TIDE.		Moon R. & S. h. m.	D. of M.	Sun R. & S. h. m.	N. Y. TIDE.		Moon R. & S. h. m.	
			Morn'g h. m.	Even'g h. m.				Morn'g h. m.	Even'g h. m.		
1	We	r4 52	5 47	6 14	morn	1	r4 57	2 45	3 12	0	
2	Th	s7 18	6 42	7 10	0 30	2	s7 14	3 39	4 7	0 34	
3	Fr	r4 54	7 38	8 6	1 7	3	r4 58	4 35	5 3	1 11	
4	Sa	s7 15	8 33	9 0	1 50	4	s7 12	5 31	5 58	1 55	
5	S	r4 57	9 26	9 51	2 30	5	r5 0	6 24	6 49	2 44	
6	Mo	s7 13	10 17	10 42	3 35	6	s7 9	7 13	7 37	3 40	
7	Tu	r4 50	11 4	11 26	sets.	7	r5 2	7 59	8 21	sets.	
8	We	s7 10	11 48	.....	7 56	8	s7 7	8 44	9 8	7 53	
9	Th	r5 1	0 10	0 31	8 31	9	r5 4	9 30	9 51	8 29	
10	Fr	s7 8	0 53	1 15	9 4	10	s7 4	10 12	10 33	9 3	
11	Sa	r5 3	1 38	2 0	9 35	11	r5 6	10 54	11 17	9 35	
12	S	s7 5	2 23	2 45	10 6	12	s7 1	11 42	.....	10 7	
13	Mo	r5 5	3 9	3 35	10 39	13	r5 8	0 7	0 33	10 41	
14	Tu	s7 2	4 2	4 31	11 16	14	s6 59	1 1	1 30	11 19	
15	We	r5 7	5 2	5 35	11 58	15	r5 10	2 0	2 33	morn	
16	Th	s6 59	6 9	6 43	morn	16	s6 56	3 7	3 41	0 2	
17	Fr	r5 9	7 18	7 53	0 47	17	r5 12	4 15	4 49	0 52	
18	Sa	s6 56	8 27	8 58	1 43	18	s6 53	5 23	5 55	1 48	
19	S	r5 11	9 27	9 55	2 44	19	r5 14	6 25	6 52	2 49	
20	Mo	s6 53	10 21	10 45	3 49	20	s6 50	7 18	7 40	3 53	
21	Tu	r5 14	11 8	11 29	rises	21	r5 16	8 2	8 24	rises	
22	We	s6 50	11 49	.....	7 42	22	s6 47	8 47	9 8	7 40	
23	Th	r5 16	0 9	0 29	8 10	23	r5 18	9 28	9 47	8 9	
24	Fr	s6 47	0 49	1 9	8 37	24	s6 44	10 6	10 24	8 37	
25	Sa	r5 18	1 28	1 47	9 3	25	r5 20	10 42	11 1	9 4	
26	S	s6 43	2 6	2 26	9 29	26	s6 41	11 20	11 41	9 31	
27	Mo	r5 20	2 45	3 5	9 57	27	r5 22	.....	0 2	10 0	
28	Tu	s6 40	3 26	3 48	10 28	28	s6 38	0 24	0 47	10 32	
29	We	r5 22	4 12	4 37	11 3	29	r5 24	1 11	1 36	11 7	
30	Th	s6 37	5 4	5 32	11 43	30	s6 35	2 3	2 30	11 48	
31	Fr	r5 24	6 1	6 31	morn	31	r5 26	2 59	3 29	morn	



MOON'S PHASES.

New Moon, ...
 First Quarter, ...
 Full Moon, ...
 Last Quarter, ...

BOSTON.

5d. 11h. 56m. p.m.
 12d. 5h. 0m. p.m.
 20d. 0h. 24m. a.m.
 23d. 3h. 30m. a.m.

CHICAGO.

5d. 10h. 56m. p.m.
 12d. 4h. 0m. p.m.
 19d. 11h. 24m. p.m.
 28d. 2h. 30m. a.m.

1888 BOSTON & CHICAGO.

NEW YORK & PHILA.

D. of M.	Day of Week.	BOST. TIDE.				Moon R. & S.	h. m.	D. of M.	Day of Week.	N. Y. TIDE.				Moon R. & S.	h. m.
		Sun R. & S.	Morn'g	Even'g						Sun R. & S.	Morn'g	Even'g			
		h. m.	h. m.	h. m.						h. m.	h. m.	h. m.			
1	Sa	r5 25	7 2	7 33	0 29			1	r5 27	3 59	4 29	0 34			
2	S	s6 32	8 3	8 32	1 22			2	s6 30	4 59	5 29	1 27			
3	Mo	r5 27	9 0	9 26	2 22			3	r5 29	5 57	6 24	2 26			
4	Tu	s6 28	9 52	10 17	3 26			4	s6 27	6 50	7 14	3 30			
5	We	r5 29	10 41	11 4	4 33			5	r5 31	7 35	7 57	4 36			
6	Th	s6 25	11 26	11 47	sets.			6	s6 24	8 20	8 44	sets.			
7	Fr	r5 32	....	0 9	7 36			7	r5 33	9 7	9 30	7 36			
8	Sa	s6 22	0 31	0 53	8 8			8	s6 20	9 52	10 13	8 9			
9	S	r5 34	1 16	1 39	8 41			9	r5 35	10 34	10 56	8 43			
10	Mo	s6 18	2 2	2 26	9 17			10	s6 17	11 21	11 48	9 20			
11	Tu	r5 36	2 51	3 18	9 57			11	r5 37	....	0 16	10 1			
12	We	s6 14	3 46	4 17	10 44			12	s6 14	0 45	1 15	10 49			
13	Th	r5 38	4 49	5 22	11 38			13	r5 39	1 47	2 20	11 43			
14	Fr	s6 11	5 57	6 33	morn			14	s6 10	2 55	3 30	morn			
15	Sa	r5 40	7 8	7 41	0 36			15	r5 41	4 5	4 37	0 41			
16	S	s6 7	8 12	8 41	1 38			16	s6 7	5 8	5 38	1 42			
17	Mo	r5 42	9 8	9 34	2 43			17	r5 43	6 6	6 32	2 47			
18	Tu	s6 4	9 59	10 22	3 49			18	s6 4	6 57	7 18	3 52			
19	We	r5 44	10 43	11 3	4 54			19	r5 45	7 38	7 57	4 56			
20	Th	s6 0	11 22	11 41	rises			20	s6 0	8 16	8 36	rises			
21	Fr	r5 46	11 59	....	7 4			21	r5 47	8 57	9 15	7 5			
22	Sa	s5 57	0 16	0 34	7 30			22	s5 57	9 33	9 51	7 32			
23	S	r5 49	0 53	1 12	7 57			23	r5 49	10 9	10 27	8 0			
24	Mo	s5 53	1 31	1 51	8 26			24	s5 54	10 45	11 4	8 29			
25	Tu	r5 51	2 10	2 30	8 59			25	r5 51	11 25	11 47	9 3			
26	We	s5 50	2 51	3 13	9 37			26	s5 50	....	0 11	9 42			
27	Th	r5 53	3 36	4 1	10 20			27	r5 53	0 35	1 0	10 25			
28	Fr	s5 46	4 28	4 56	11 9			28	s5 47	1 26	1 54	11 14			
29	Sa	r5 55	5 26	5 57	morn			29	r5 55	2 24	2 55	morn			
30	S	s5 43	6 28	6 59	0 4			30	s5 43	3 25	3 56	0 9			
..	...	...	...	...	...			..	...	...	...	...			



MOON'S PHASES.	BOSTON.	CHICAGO.
New Moon, ...	5d. 9h. 34m. a.m.	5d. 8h. 34m. a.m.
First Quarter, . . .	12d. 0h. 29m. a.m.	11d. 11h. 29m. p.m.
Full Moon, ...	19d. 4h. 9m. p.m.	19d. 3h. 9m. p.m.
Last Quarter, . . .	27d. 8h. 56m. p.m.	27d. 7h. 56m. p.m.

1888 BOSTON & CHICAGO.						NEW YORK & PHILA.					
D. of M.	Day of Week.	Sun R. & S. h. m.	BOST. TIDE.		Moon R. & S. h. m.	D. of M.	Sun R. & S. h. m.	N. Y. TIDE.		Moon R. & S. h. m.	
			Morn'g h. m.	Even'g h. m.				Morn'g h. m.	Even'g h. m.		
1	Mo	r5 57	7 30	8 0	1 6	1	r5 57	4 27	4 57	1 10	
2	Tu	s5 39	8 29	8 57	2 12	2	s5 40	5 26	5 54	2 15	
3	We	r6 0	9 23	9 49	3 21	3	r5 59	6 21	6 47	3 23	
4	Th	s5 36	10 15	10 39	4 33	4	s5 37	7 11	7 34	4 34	
5	Fr	r6 2	11 1	11 23	sets.	5	r6 1	7 55	8 17	sets.	
6	Sa	s5 33	11 45	.....	6 38	6	s5 33	8 41	9 6	6 40	
7	S	r6 4	0 8	0 31	7 13	7	r6 3	9 30	9 53	7 16	
8	Mo	s5 29	0 55	1 20	7 53	8	s5 30	10 16	10 40	7 57	
9	Tu	r6 6	1 45	2 11	8 39	9	r6 5	11 6	11 34	8 44	
10	We	s5 26	2 38	3 6	9 31	10	s5 27	....	0 4	9 36	
11	Th	r6 9	3 35	4 5	10 29	11	r6 7	0 34	1 4	10 34	
12	Fr	s5 23	4 37	5 11	11 31	12	s5 24	1 36	2 9	11 36	
13	Sa	r6 11	5 45	6 18	morn	13	r6 9	2 43	3 16	morn	
14	S	s5 19	6 50	7 21	0 35	14	s5 21	3 47	4 17	0 39	
15	Mo	r6 14	7 50	8 17	1 39	15	r6 11	4 46	5 14	1 42	
16	Tu	s5 16	8 43	9 7	2 43	16	s5 18	5 41	6 5	2 45	
17	We	r6 16	9 30	9 52	3 46	17	r6 14	6 28	6 50	3 47	
18	Th	s5 13	10 13	10 32	4 48	18	s5 15	7 10	7 28	4 48	
19	Fr	r6 18	10 51	11 9	5 48	19	r6 16	7 45	8 3	5 47	
20	Sa	s5 10	11 27	11 45	rises	20	s5 12	8 21	8 41	rises	
21	S	r6 20	.....	0 3	6 26	21	r6 18	9 1	9 20	6 29	
22	Mo	s5 7	0 22	0 41	6 59	22	s5 9	9 39	9 57	7 3	
23	Tu	r6 23	1 0	1 19	7 35	23	r6 20	10 16	10 35	7 40	
24	We	s5 4	1 40	2 1	8 15	24	s5 6	10 55	11 17	8 20	
25	Th	r6 25	2 23	2 45	9 1	25	r6 23	11 41	.....	9 6	
26	Fr	s5 1	3 8	3 32	9 53	26	s5 4	0 5	0 30	9 58	
27	Sa	r6 28	3 58	4 25	10 50	27	r6 25	0 56	1 24	10 55	
28	S	s4 58	4 55	5 25	11 51	28	s5 1	1 53	2 23	11 56	
29	Mo	r6 30	5 55	6 25	morn	29	r6 27	2 53	3 23	morn	
30	Tu	s4 56	6 56	7 27	0 58	30	s4 59	3 53	4 23	1 1	
31	We	r6 33	7 56	8 24	2 7	31	r6 30	4 52	5 21	2 9	



MOON'S PHASES.

New Moon, ...
First Quarter, ...
Full Moon, ...
Last Quarter, ...

BOSTON.

3d. 7h. 2m. p.m.
10d. 11h. 16m. a.m.
18d. 10h. 16m. a.m.
26d. 0h. 20m. p.m.

CHICAGO.

3d. 6h. 2m. p.m.
10d. 10h. 16m. a.m.
18d. 9h. 16m. a.m.
26d. 11h. 20m. a.m.

1888 BOSTON & CHICAGO.

D. of M.	Day of Week.	Sun R. & S. h. m.	BOST. TIDE.		Moon R. & S. h. m.
			Morn'g h. m.	Even'g h. m.	
1	Th	r6 34	8 51	9 17	3 19
2	Fr	s4 52	9 44	10 10	4 33
3	Sa	r6 36	10 35	11 0	5 48
4	S	s4 49	11 23	11 47	sets.
5	Mo	r6 39	.....	0 12	6 29
6	Tu	s4 47	0 38	1 5	7 19
7	We	r6 41	1 32	1 59	8 17
8	Th	s4 45	2 27	2 54	9 20
9	Fr	r6 44	3 32	3 52	10 26
10	Sa	s4 43	4 22	4 52	11 32
11	S	r6 46	5 22	5 52	morn
12	Mo	s4 41	6 21	6 49	0 37
13	Tu	r6 49	7 17	7 43	1 40
14	We	s4 39	8 8	8 32	2 41
15	Th	r6 52	8 55	9 17	3 41
16	Fr	s4 37	9 38	9 58	4 40
17	Sa	r6 54	10 18	10 38	5 39
18	S	s4 35	10 57	11 16	rises
19	Mo	r6 56	11 35	11 54	5 34
20	Tu	s4 34	.....	0 14	6 13
21	We	r6 59	0 34	0 54	6 57
22	Th	s4 33	1 15	1 37	7 46
23	Fr	r7 1	1 59	2 22	8 41
24	Sa	s4 32	2 45	3 8	9 40
25	S	r7 4	3 33	3 58	10 43
26	Mo	s4 31	4 25	4 52	11 49
27	Tu	r7 6	5 21	5 50	morn
28	We	s4 30	6 20	6 50	0 57
29	Th	r7 8	7 20	7 49	2 7
30	Fr	s4 29	8 18	8 46	3 20
...	...	...	...	...	...

NEW YORK & PHILA.

D. of M.	Sun R. & S. h. m.	N. Y. TIDE.		Moon R. & S. h. m.
		Morn'g h. m.	Even'g h. m.	
1	r6 31	5 48	6 15	3 20
2	s4 55	6 42	7 7	4 32
3	r6 33	7 30	7 53	5 46
4	s4 53	8 18	8 44	sets.
5	r6 36	9 10	9 36	6 33
6	s4 50	10 2	10 28	7 24
7	r6 38	10 54	11 21	8 22
8	s4 48	11 50	.....	9 25
9	r6 41	0 20	0 50	10 30
10	s4 46	1 21	1 51	11 35
11	r6 43	2 20	2 50	morn
12	s4 44	3 19	3 47	0 40
13	r6 45	4 14	4 40	1 42
14	s4 43	5 5	5 29	2 43
15	r6 47	5 52	6 14	3 41
16	s4 41	6 36	6 56	4 39
17	r6 50	7 15	7 33	5 37
18	s4 40	7 51	8 10	rises
19	r6 52	8 30	8 51	5 38
20	s4 38	9 13	9 33	6 18
21	r6 55	9 52	10 12	7 2
22	s4 37	10 32	10 53	7 51
23	r6 57	11 16	11 41	8 46
24	s4 36	.....	0 6	9 44
25	r6 59	0 31	0 57	10 46
26	s4 36	1 24	1 51	11 51
27	r7 1	2 19	2 48	morn
28	s4 35	3 18	3 47	0 58
29	r7 3	4 16	4 45	2 7
30	s4 34	5 15	5 44	3 19
...	...	...	...	...

DECEMBER



MOON'S PHASES.

New Moon, ...
First Quarter, ...
Full Moon, ...
Last Quarter, ...

BOSTON.

3d. 5h. 5m. a.m.
10d. 1h. 46m. a.m.
18d. 5h. 41m. a.m.
26d. 1h. 0m. a.m.

CHICAGO.

3d. 4h. 5m. a.m.
10d. 0h. 46m. a.m.
18d. 4h. 41m. a.m.
26d. 0h. 0m. a.m.

1888

BOSTON & CHICAGO.

NEW YORK & PHILA.

D. of M.	Day of Week.	Sun R. & S. h. m.	BOST. TIDE.		Moon R. & S. h. m.	D. of M.	Sun R. & S. h. m.	N. Y. TIDE.		Moon R. & S. h. m.
			Morn'g h. m.	Even'g h. m.				Morn'g h. m.	Even'g h. m.	
1	Sa	r7 10	9 15	9 43	4 36	1	r7 5	6 13	6 41	4 34
2	S	s4 28	10 11	10 39	5 53	2	s4 33	7 8	7 34	5 50
3	Mo	r7 12	11 5	11 30	sets.	3	r7 7	7 59	8 25	sets.
4	Tu	s4 28	11 56	.....	5 58	4	s4 33	8 53	9 22	6 3
5	We	r7 14	0 23	0 50	7 1	5	r7 9	9 49	10 15	7 6
6	Th	s4 28	1 18	1 45	8 9	6	s4 33	10 40	11 6	8 14
7	Fr	r7 16	2 12	2 38	9 18	7	r7 11	11 34	.....	9 22
8	Sa	s4 28	3 4	3 30	10 25	8	s4 33	0 1	0 28	10 28
9	S	r7 18	3 55	4 22	11 30	9	r7 13	0 54	1 20	11 32
10	Mo	s4 28	4 49	5 16	morn	10	s4 33	1 47	2 14	morn
11	Tu	r7 20	5 43	6 10	0 33	11	r7 15	2 41	3 7	0 34
12	We	s4 28	6 36	7 2	1 34	12	s4 33	3 33	3 58	1 33
13	Th	r7 21	7 27	7 51	2 33	13	r7 16	4 23	4 48	2 32
14	Fr	s4 29	8 15	8 38	3 32	14	s4 34	5 12	5 36	3 30
15	Sa	r7 23	9 1	9 24	4 31	15	r7 18	5 59	6 22	4 28
16	S	s4 29	9 46	10 8	5 30	16	s4 34	6 44	7 5	5 26
17	Mo	r7 24	10 29	10 50	6 28	17	r7 19	7 25	7 44	6 23
18	Tu	s4 29	11 11	11 31	rises	18	s4 35	8 4	8 26	rises
19	We	r7 25	11 51	.....	5 41	19	r7 20	8 49	9 11	5 46
20	Th	s4 31	0 12	0 34	6 35	20	s4 36	9 32	9 53	6 40
21	Fr	r7 26	0 55	1 17	7 34	21	r7 21	10 14	10 34	7 38
22	Sa	s4 32	1 39	2 1	8 36	22	s4 37	10 55	11 18	8 40
23	S	r7 27	2 23	2 45	9 40	23	r7 22	11 41	.....	9 43
24	Mo	s4 33	3 8	3 31	10 46	24	s4 38	0 5	0 29	10 48
25	Tu	r7 28	3 56	4 21	11 52	25	r7 23	0 54	1 20	11 53
26	We	s4 34	4 48	5 16	morn	26	s4 39	1 47	2 14	morn
27	Th	r7 29	5 45	6 15	1 1	27	r7 23	2 43	3 13	1 0
28	Fr	s4 35	6 46	7 17	2 13	28	s4 41	3 43	4 14	2 11
29	Sa	r7 29	7 49	8 21	3 27	29	r7 24	4 45	5 17	3 24
30	S	s4 37	8 52	9 22	4 42	30	s4 42	5 49	6 20	4 38
31	Mo	r7 30	9 52	10 21	5 56	31	r7 24	6 50	7 18	5 51

Ther.

SUN. JAN. 1, 1888

Wea.

Fine

Train late - no breakfast but
got Hot Coffee at Peach Springs
Stopped on side track for
hains two or three times.
Dinner at Medley. bought
Indian doll there - Supper
at Bagdad.

2 Ther.

MONDAY 2

Wea.

Fine

up about two to change cars
cold. Lady in cars made me
two cups of tea on a spirit lamp -
her husband an invalid but
appearance not hopeful.

Train late at all points.

Reached San Diego about
9 P.M. Will at Station, &
Berlin, to meet us -

Ther.

TUES. JAN. 3, 1888

Wea.

Rainy

Earl Bruce came in the morning
and spent most of day with
Dr. Davis.

Ther.

WEDNESDAY 4

Wea.

Rainy

Down town in the morning
with Annie & Amelia.

Dr. Armstrong came in the
afternoon to visit us to
Med. Society in the evening
went to Med. Soc. in the
evening & joined.

Ther.

THURS. JAN. 5, 1888

Wea.

Rainy

Ther.

FRIDAY 6

Wea.

Ther.

SAT. JAN. 7, 1888

Wea.

Fine

Down town in the morning
with Isaac.

Anelia went with me after
dinner - Bought material to
trim Mabel's coat.

Mabel had sore throat. With
Robert to call with me on
Mrs. Channing

Fred Houghton.

Ther.

SUNDAY 8

Wea.

Fine

Church A.M. Mabel not well
enough to go to S.S. so de-
cided to wait until next Sunday
Home in the afternoon.

Ann. Anelia & Agnes went
to Church with me in the
evening.

Fine in house needles at
Elmer - great excitement -

Ther.

MON. JAN. 9, 1888

Wea.

Fine

all tired from excitement
but Willie not much more.
Annice moved to new quarters
to-day. I had put back furniture
into barn and spent time
at Lull's national company.
Read to Willie in the after-
noon.

Ther.

TUESDAY 10

Wea.

Fine

Up early to help get breakfast.
Read to Willie a little while
after dinner went to History
Class at Mrs. Hamilton's &
met Mrs. Gunn & "Cousin"
Hannah. ^{astirking} Read to Willie
all the evening.

Ther.

WED. JAN. 11, 1888

Wea.

Fine

Willie no better.

Down town with Ted. in the morning. Read to Willie in afternoon - after nighing about rooms on Fourth St.

Fixed Willie's coat in the evening -

Ther.

THURSDAY 12

Wea.

Fine

Unpacked box & found Rogers' group all in pieces. Ted. brought up rest of bed from freight office. Clock not here.

Down town in afternoon.

Ther.

FRI. JAN. 13, 1888

Wea.

Fine.

Amelia washed a little
to-day. Willie & sister but
not much house work.

Mrs. Mueher^{W.} called in the
afternoon & we went to
church together. Robert's first
trial but not very successful.
Fred. talks of going to Academics

Ther.

SATURDAY 14

Wea.

Fine

Read all spare minutes
to Willie.

Fred. hunted poems.

Ther.

SUN. JAN. 15, 1888

Wea.

S.S. in the morning.

Fred. went to Pagnay with
his Mr. Ball & was
gone all day.

Read to Willie in the
afternoon.

Church in the evening.
Mr. & Mrs. Endly washed
up with me.

Ther.

MONDAY 16

Wea.

Washed in the morning.
Room hunting in the
afternoon. Read to
Willie a little.
Tacked & planned in
the evening.

Ther.

TUES. JAN. 17, 1888

Wea.

Fine

At home in the morning.

Fred. stands at home with children & Amelia & I walk to Heli. Club.

Went down town with Fred. after I came home & secured services.

Ther.

WEDNESDAY 18

Wea.

Fine

Down to New rooms in the morning. Went to the dressmaker afterwards but she was not home. Went to dressmaker after dinner & to see Annie.

Medical meeting in the evening.

Ther.

THURS. JAN. 19, 1888

Wea.

Down town all the morning at office. Took dinner down town.

Read to Willie in the afternoon & went with Ted to make medical call. Read to Willie & an Aunt, in the evening.

Ther.

FRIDAY 20

Wea.

Rainy.
At home all day. Sent Ted & read. Ted down town just before tea.
Read all the evening.

Ther.

SAT. JAN. 21, 1888

Wea.

Rainy. A.M.
Placid. P.M.

Looked over dishes & found
only a few goblets broken -
Bertie down with what
seems like Measles -

Willie's fever broken -
Down with cold in
the afternoon -

Met Mr. Carter down town

Ther.

SUNDAY 22

Wea.

Rainy

Church A.M. Took Molly with
me. Up to Annie's & dinner
stayed until after tea.
Mr. & Mrs. Eddy there to tea.

Ther.

MON. JAN. 23, 1888

Wea.

Cloudy A.M. -
Clear P.M.

Served in the morning -
Down town to work with
Fred. in the afternoon -
Down town in the evening -
Sick all better -

Ther.

TUESDAY 24

Wea.

Alms. Heavy - Fine

Served in the morning,
Hist. Club. in the after-
noon - Call on Mrs. Gurn
afterwards -

Wrote to Mother in the
evening -

Ther.

WED. JAN. 25, 1888

Wea.

Foggy A.M. Warm + Pleasant
Fog towards night -
House-work A.M. Went
down town with Ted. just
before dinner -
Read to Bertha + called
on Mrs. Jack + Sarah Hodge
Moll Dr. M. in the evening

Ther.

THURSDAY 26

Wea.

Foggy -

House-work in the morning -
Called on Mrs. Carter in
the afternoon. Moll not
well. Temp. 102 4/5.
Moll slept in Bertha's room.
Ted. with them.

Ther.

FRI. JAN. 27, 1888

Wea.

Foggy -

Priscilla not as well. Bessie
+ Annie both threatened to
have measles. Molly
better but kept her by
herself in Priscilla's room.
Moved bed into sitting-room
for children -

Down town in afternoon
with Ed. Rooms to be ready
Monday. ^{Frid. slept with Priscilla} Children with me.

Ther.

SATURDAY 28

Wea.

Cloudy

Molly better. + the rest all
better. Robert sick towards
night - fever &c. just like
the rest. All complain
of sore throat -
Took short walk just
before tea -

Ther.

SUN. JAN. 29, 1888

Wea.

Clear

Cloudy - but an
 Fred. went to Colorado
 with Will in the morning
 Children both in bed -
 Made a little in the
 afternoon -

Church in the evening -
 Bessie broke out 5-day
 Also Robert towards night -

Fed - 1854.

Ther.

MONDAY 30

Wea.

Foggy -
 Children about the same
 at home all day -

Fred. moved freight from
 freight office -

Ther.

TUES. JAN. 31, 1888

Wea.

Cloudy - Rain ^{night} at

At home in the morning.
West. Club, in the after-
noon.

Willie & Grace broken out
to-night.

Fred, gone all the evening
Robert quite sick at night -
Hard night with all.

Ther.

WEDNESDAY, FEB. 1

Wea.

Rainy

Snow all day.

Robert's worse day so far -
Grace feeling very badly -

Wally out of the woods -

Bennie feverish & thoroughly
broken out. Better towards night.

Willie coming on slowly.

Went in the evening. Fred,
Frank & Med. Meeting.

Ther.

THURS. FEB. 2, 1888

Wea.

Fine

Robert not as well. Fred,
staid with him while I went
to church & meeting of Guild.

Robert down with Pneumo-
nia & at night 11.30 Bessie
came down. Both improved
towards morning but at,

3

Ther.

FRIDAY 3

Wea.

Fine

5 A.M. Robert good now.
Bessie better.

Others doing well.

Robert had his own during
the day & about 7 P.M.

Began to gain.

Annie Brooks in a little
while.

Fred. to begin moving
tomorrow.

Ther.

SAT. FEB. 4, 1888

Wea.

Fair

All doing well. Robert very decidedly better.

Fed. moved some things
to-day.

Took a short walk in the
morning.

Ther.

SUNDAY 5

Wea.

Grace up to-day.

Bess & Robert not quite
as well. At home all
day. Frank with Earl
down to Monument.

Ther.

MON. FEB. 6, 1888

Wea.

Fine

Still morning - Benie
Ketter - Miller up & day. -
Robert was out in
the afternoon so decided
to move & move. Fred
went to see Dr. Davis in
the evening.

Ther.

TUESDAY 7

Wea.

Fine

Fred. moved one load and
then we all moved to new
quarters. Fred. found them
all a little more than
before - as Wills at sight.

Ther.

WED. FEB. 8, 1888

Wea.

Fine

Mie sick again - but better
towards night.

Robert Temp. Normal in the
morning but ran up to $103\frac{2}{5}$ -
in the afternoon.

Arranged room all day.

Earl sick in the afternoon.

Fred. up to Mills about 9 - all
better.

Ther.

THURSDAY 9

Wea.

Cloudy.

Robert - not as well.

Annie in for a few
minutes -

Dr. Davis in consultation
& agreed that all would
get well.

Robert a little easier in the
night. Temp. $104\frac{1}{5}$ -

Ther.

FRI. FEB. 10, 1888

Wea.

Fine

Fred. at Will's & Annie's all the morning.

Moved Earl & Will & Annie's.

Bessie better —

Robert about the same —

Will called Fred. in the night to see Bessie — & he stayed all night.

Robt. Temp at night $102\frac{1}{5}$

Ther.

SATURDAY 11

Wea.

Fine

Robert Temp. $102\frac{1}{5}$ - Bessie $99\frac{1}{5}$ -

Ther.

SUN. FEB. 12, 1888

Wea.

Dr. Davis in to see
Robert in ^{evening} afternoon
& up to Wells with
Fred.

Ther.

MONDAY 13

Wea.

Bessie home in the
night Fred. at Nick's all
night. Took Robert in
bed with me.

Fred. home about 5 a.m.
Fred. had sick headache.
Annie & Frank in in the
morning.

Ther.

TUES. FEB. 14, 1888

Wea.

Cloudy

Bessie home & Willie
Dr. Davis with Ned. &
we all the cases in the
afternoon -

Stayed up all night
with Robert but got quite
a little sleep.

Fed. up & Nels at
11.30 - stayed until 7 A.M.

Ther.

WEDNESDAY 15

Wea.

Fair

Robert had no fever until
afternoon & went off at
night.

Fed. went & Med. Meeting
with Dr. Davis. & up & Nels
until 1 A.M.

Mr. Restarick called in
the afternoon.

Dr. Dayton in all the P.M.

Ther.

THURS. FEB. 16, 1888

Wea.

Fine.

Robert much better.
Agent in with books.

First patient -

Went up to see Ben. in the
afternoon. & thinks he
better

Mrs. York in & call.

Ther.

FRIDAY 17

Wea.

Rainy A.M.,
Fine P.M.

Robert improving. Bennie &
Will also.

Took Molly & service in the
afternoon & up to Amelias
afterwards. Met Mrs. Endly
there. Molly in the evening
& mother.

Ther.

SAT. FEB. 18, 1888

Wea.

Fair

but heavy
air

Breakfast & supper in rooms.
Bene wine in afternoon
Went with Ted. to see her
& Mr. Hall's boy in the
evening. Mrs. Griffith
staid with children -
Headache all day.

Ther.

SUNDAY 19

Wea.

Wally very sick about
noon & towards night
developed into dysentery -

Ther.

MON. FEB. 20, 1888

Wea.

Fine

Dr. Armstrong in in
the morning. Special
Wed. Meeting in the afternoon
Fed. meet.

Moody better a little.

Ther.

TUESDAY 21

Wea.

Fine

Went to Hist. Club in the
afternoon.

Drs. Daig & Armstrong
in in the afternoon.

Ther.

~~Wed.~~ FEB. 22, 1888

Wea.

Sat. " 25.

fine

Mrs. Ailsa in the
afternoon with Bessie.

Ther.

~~THURSDAY~~ 23

Wea.

Wed. 22

fine

All about the same. Mostly
a little better -
Back down on wharf to
see boat-race in the
afternoon.

Ther.

~~FRI. FEB. 24, 1888~~

Wea.

Thurs. 23.

Fine.

Fred. went to sail with
Earl in the afternoon.

Went to Coronado in the
evening with Mrs. Gerish
& party.

Will moved family to new
house today.

Mrs. Ales in in the afternoon
of El Cajon

Ther.

~~SATURDAY 25~~

Wea.

Friday 24

Foggy am
p. m. Fine

Up with Fred to see Willie
& Bers. Book letter.

Wrote letter.

Ther.

SUN. FEB. 26, 1888

Wea. Fine

Fog at night

Miss Kittle staid with
children & Fred & went
to church in the evening.
Read in the afternoon

Ther.

MONDAY 27

Wea. Fair

Carl in a few moments.
Out a little while in
the afternoon -
Fred. had call to Misses
Heights in the evening.

Ther.

TUES. FEB. 28, 1888

Wea.

Cloudy
Pm. Rainy

Home all day - Rained
most of day -

Ther.

WEDNESDAY 29

Wea.

Rainy

Mrs. Hathaway in with me
most all day -

Mrs. & Mr. Lillard Mr & Mrs. H.
in to tea with us -

Fed. called & brought again
after he came home we
played whist -

Ther.

THURS. MAR. 1, 1888

Wea.

^{Rainy}
P.M. - Clear short time

Mrs. Ailes in in the afternoon -

Read a little with Fred -

Ther.

FRIDAY 2

Wea.

^{Rainy}
Started to sew in the morning. - Chill overtook me - Mrs. Hines H. in to tea -

Bessie much more -

Ther.

SAT. MAR. 3, 1888

Wea.

Rainy
& Clear -

Mrs. H. up in the morning.
Breakfast in bed. miserable
all day.

Dr. Davis in in the afternoon
Bed early.

Ther.

SUNDAY 4

Wea.

Cloudy -

Up late - much better -
Will leave for Fed in the
morning.

Annie here in afternoon -
Miss Buchanan & two normally
people called -

Out with Fed & supper.
Miss Kittle in in the evening
Fed went to Mill's right
after tea.

Ther.

MON. MAR. 5, 1888

Wea.

Fine

At home all day except
to go to dinner. Dr. Doig
at table with us.

4

Ther.

TUESDAY 6

Wea.

Fine

Took children went up to
see the folks on the hill
& took children to dinner
Patent in at ha-time &
come in in the morning.
Vaccinated Mrs. Lockie

Ther.

WED. MAR. 7, 1888

Wea.

Rainy

Patience in in the morning.

Went to sew some &
& write on accounts -
Fed. with dinner at Annis.

Ther.

THURSDAY 8

Wea.

Rainy

Sewed in the morning.
Church at 4 P.M. very
muddy - went to Mother
in the evening -

Dinner in the office -

Ther.

FRI. MAR. 9, 1888

Wea.

Rainy, a.m.
Fine P.M.

Out with Mrs. Lucie in the morning - felt badly all day.

Annie & Mrs. Endley in in the afternoon. - Leaded her quite a while -
Not out to dinner to-day.

Ther.

SATURDAY 10

Wea.

Fine

Had chills ^{in the} night -

Not out all day - Up for milk in the afternoon with Fred.

Patient in all the night.

Ther.

SUN. MAR. 11, 1888

Wea.

Time
S.S. with children in the
morning. Up to Annie's
afterwards & laid until
noon. Hard headache
so went to bed early.

Bennie seemed better -

Ther.

MONDAY 12

Wea.

Time
Fed. meat up early & Will's
Bennie not as well -
Patient in in the
morning -
all went out to dinner -
Will came for feed at 2. in
hast.

Ther.

TUES. MAR. 13, 1888

Wea.

Fine
 Fred. stand all right at Mill's
 went to office at noon
 to engine for Bernie. Hank
 said about the same he
 guessed. Fred. home to
 dinner. Geo. Baker came
 at one P.M. Fred. met him
 at Station. Geo. in a few
 minutes at tea time -
 went to Church at 8. & to
 Literary meeting afterwards -

Ther.

WEDNESDAY 14

Wea.

Cloudy A.M.
 Fine.

Fred. up to Mills in the
 morning. Met Fred & Geo.
 over to Concord to dinner.
 Home after supper time.
 Took supper alone -
 Annie Palmer sent in to
 call in the afternoon -

Ther.

THURS. MAR. 15, 1888

Wea.

Fine

Not well in the morning.

Had took breakfast at Reel's.

Home about 9. & back again at 11. Home to dinner until 4 P.M.

Dr. Armstrong in in the afternoon - Call from Mrs. & Miss Stevens of the Church.

Wrote on Essay.

Ther.

FRIDAY 16

Wea.

Fine

Miss Allen took dinner with us.

Call from two church women

Wed. Soc. in the evening.

Ther.

SAT. MAR. 17, 1883

Wea.

Fine

Feed. at Mill's most all day.

Call from Patiner at night.

Feed. at Mill's all night -

Ther.

SUNDAY 18

Wea.

Fine

S.S. in the morning Feed. home about ten - Church after seeing patient -

Patient on in the afternoon Up to Mill's all night - Miss Kittle staid with the children -

Call from Mr Gibson of Ohio.

Ther.

MON. MAR. 19, 1888

Wea.

Fine

Church in the afternoon -
Mr. Gibson called in
the evening. Bed early.

Mrs. Hamilton & Cassin
Hamilton called in the
afternoon.

Ther.

TUESDAY 20

Wea.

Fine.

House work in the morning -
History Club in the after-
noon.

Musical in the evening -
Beckman in in the A.M.
Call from Mrs. Parker^{W.C.}
Musical in the evening

Ther.

WED. MAR. 21, 1888

Wea.

Fine.

Dinner with Mrs. Oles. at
Restaurant.

Medical meeting in the
evening.

Ther.

THURSDAY 22

Wea.

Fine.

Call from Mrs. Miller in
the morning.

Engaged David rooms after
dinner.

Temperance meeting & call
on Dr. Arthur.

Met Mrs. Pettegill from
Newburyport.

Ther.

FRI. MAR. 23, 1888

Wea.

Fine

Geo. took dinner with us
+ we all went up to measure
rooms.

Had also. To go to beach
but Bessie none.

Went to S.S. Chapter and
to Church.

Had up to Mills all night

Ther.

SATURDAY 24

Wea.

Rainy

Agnes & Isabel down &
early & stand until tea
time - Bessie passed away
at 8 am. - Went up to
Auction when Agnes came
stand all night -
Miss Kittle with children -

Ther.

SUN. MAR. 25, 1888

Wea.

Rainy

Home for a few moments
in the morning.

Funeral at Dr. Isabel at
our house all day.

Home after supper -
Med. call but wanted a
homeop.

Fed. went with me to
Church in the evening -

Ther.

MONDAY 26

Wea.

Rainy

Went to Notary's early with
Fed & Frank.

Geo. to dinner with us -
Shopped & went to Church
in the afternoon -

Work with laryngoscope &c.
in the evening -

Ther.

TUES. MAR. 27, 1888

Wea.

Fine

Aunt called for me to go
to Hist. Club, and had. done
us off up. After club went
down town to see
Amelia.

Church in the evening
Miss Kittle went with me.

Ther.

WEDNESDAY 28

Wea.

Fine

Busy all day with patients
Bed early.

Ther.

THURS. MAR. 29, 1888

Wea.

Fine

Moved to-day -
Calls in the afternoon -

Geo. went away to-day -
Fred die came to us at
night -

Ther.

FRIDAY 30

Wea.

Fine

Down town towards night
Busy all day in settling
accounts -



Ther.

SAT. MAR. 31, 1888

Wea.

Fine

Down town a little while
in the morning.

Busy in afternoon -

Ther.

SUNDAY, APRIL 1

Wea.

Easter

Glorious

Church in the morning.

Childrens Service in the
afternoon -

Church in the evening.
Call from the Yorks -

Ther.

MON. APRIL 2, 1888

Wea.

Fine.

Wrote on Thesis - in the morning.

Up the hill in the afternoon -

Accounts in the evening.

Ther.

TUESDAY 3

Wea.

Fine

House-work - &c. in the morning.

Visit. Club. in the afternoon

Patients after Visit. Club & in the evening.

Ther.

WED. APRIL 4, 1888

Wea.

Fine

Up to see patient with Fred.
Stopped at Reckon to inquire
for Mrs. Littlefield -

✓

Ther.

THURSDAY 5

Wea.

Fine

M.C.T.H. in the afternoon
Visited Luasun -

✓

Ther.

FRI. APRIL 6, 1888

Wea.

Called for Mrs. Acton to
go to Med. Soc. in the
evening. but she could
not go.
Good meeting -

✓

Ther.

SATURDAY 7

Wea.

✓

Ther.

SUN. APRIL 8, 1888

Wea.

S.S. in the morning.
Home the rest of the
morning at home.

Patients after dinner, &
then to W. C. T. U. meeting.
Headache at night.

✓

Ther.

MONDAY 9

Wea.

Fine

Call from Mr. & Mrs. Carter -

Mr & Mrs. Gerrish in
all the evening & played
whist -

Mrs. Gerrish walked up
with me to call on Maggie

✓

Ther.

TUES. APRIL 10, 1888.

Wea.

Mrs. H. ^{Home} ~~was~~ quite sick
 Fred made call on
 Maggie & made arrange-
 ments for me to move
 her at 1 P.M.

Moved Maggie in the
 afternoon.

Ther.

WEDNESDAY 11

Wea.

Up early to see Mrs. ^{Home} ~~Home~~
 went to see Maggie about
 9. Saw Mrs. Carter for a
 few moments -

Took Robert to walk after
 dinner - - nicely met with
 Mrs. Cunningham &
 Chula Vista -

Called on Mrs. Hamilton
 in the evening.

31 ✓

Ther.

THURS. APRIL 12, 1888

Wea.

Very warm.

Saw Mrs. H. at 7.

Up to see Maggie at 10.

Home to dinner.

W. C. T. U. in the afternoon

Wrote in the evening.

✓

Ther.

FRIDAY 13

Wea.

Fine

Breakfast at Restaurant

Call in the morning.

Care with Ind. just
before supper.

Wrote in the evening.

✓

Ther.

SAT. APRIL 14, 1888

Wea.

Minneapolis Closed -
Fuddy up the hill
Dinner at Lecker Dairy

Mrs. Hosmer much
better -

Ther.

SUNDAY 15

Wea.

At home all day -
Fred. made call on
Maggie -
Mrs. Hosmer quite sick
Dr. Moore in consulta-
tion -

Ther.

MON. APRIL 16, 1888

Wea.

Dr. Moore in in the
morning

Mrs. H. had striking
spell at noon - called

Dr. Moore in again -

Mrs. H. much better
at night.

Ther.

TUESDAY 17

Wea.

Literary club in the
Evening
Called on the Rafferty's

Ther.

WED. APRIL 18, 1888

Wea.

Raining

Feeling in the afternoon

Fred Baker.

Mrs. Baker in in the
 evening in great trouble
 on account of her
 husband having left
 her -

✓

Ther.

THURSDAY 19

Wea.

M. C. T. K. in the afternoon
 called to see Mrs. Baker in
 the morning & in the
 evening - Mr. B. back
 in the afternoon -
 Mrs. B. much better &
 was moved into
 another room -

Ther.

FRI. APRIL 20, 1888

Wea.

Med. Soc. in the evening.
Fred. had paper -
Call to Mrs. Baker after
the meeting.

Ther.

SATURDAY 21

Wea.

Call from Mrs. Stewart
& Mrs. Johnson -
Call to see Mrs. Marston
after call on Maggie - (sister
of Mrs. Marston's Anne?)

Ther.

SUN. APRIL 22, 1888

Wea.

Cloudy,
Some rain

C. S. Church in the
morning & the evening.
Call on Maggie & on
Mrs. Eualy in the
afternoon -
Fred. had call, medical,
in the night -

Ther.

MONDAY 23

Wea.

Finished reading on Monday.

Ther.

TUES. APRIL 24, 1888

Wea.

Rainy in P.M.

Wrote on Thesis in the A.M.
History Club. in afternoon.
~~Literary meeting in the~~
~~Evening~~

Ther.

WEDNESDAY 25

Wea.

Fine.

Call after dinner to Mr.
Smiths & see sick baby
Stands all night child.
very sick Acute Meningitis

Ther.

THURS. APRIL 26, 1888

Wea.

At Mr. Smiths all day.

Bought two lots in
Crosstons Addition of
Miss Kittle.

W.C.T.U. in the afternoon

Ther.

FRIDAY 27

Wea.

At Mr. Smiths all day
Called on Maggie -

Ther.

SAT. APRIL 28, 1888

Wea.

Baby much worse - and
died at 4 P.M.

Home to supper -

Ther.

SUNDAY 29

Wea.

Church A.M.

Funeral in the afternoon
Up to Annie afterwards &
stayed to tea.

Ther.

MON. APRIL 30, 1888

Wea.

~~W~~ Went up to school
with Freddy - Called on
Mrs. Johnson on the
way home -

Wrote in the afternoon.

Ther.

TUESDAY, MAY 1

Wea.

History Club in the after-
noon -

Up the hill to see Maggie
in the morning. Called to
see Mrs. Carter.

Amelia went with us to
Hist. Club.

Ther.

WED. MAY 2, 1888

Wea.

Letter from T. C. Theris &
he in middle of the
month.

Moti on Theris.

Ther.

THURSDAY 3

Wea.

Moti on Theris.
W. C. T. U. in the afternoon
Maggie down.

Ther.

FRI. MAY 4, 1888

Wea.

Letter from Mother -
Work on Thesis all day.
Medical Society in the
evening.

Annie & Frank down
after tea.

Ther.

SATURDAY 5

Wea.

Work on Thesis all day.
Down to shaft just
before tea.

Children out with Miss
Kitch all the afternoon.
Work on Thesis in the
evening.

Ther.

SUN. MAY 6, 1888

Wea.

S.S. in the morning,
 Church with Mrs. M.

Mr. Hathaway in all
 the afternoon. Family
 has gone back to Kansas.
 Church in the evening
 Free Freddy. Berli' & self.

Ther.

MONDAY 7

Wea.

Took Therie's & Book-
 bridge & Express sent
 it on its way.

Laid down all the
 afternoon.

Mrs. Kittie at Annie's
 all day

Ther.

TUES. MAY 8, 1888

Wea.

Not well all day.
 Down to Saddle Rock
 for dinner
 Frank in a few
 moments.

6 Ther.

WEDNESDAY 9

Wea.

Auntie & Mrs. Endley
 in in the afternoon -
 Mrs. York called &
 Maggie came in.
 Called on Sarah Hodge
 in the evening

Ther.

THURS. MAY 10, 1888

Wea.

Fine

M.C. T.U. in the afternoon
Maggie & Lottie in at 4.

Ther.

FRIDAY 11

Wea.

Fine.

Call in the afternoon and
evening.

Ther.

SAT. MAY 12, 1888

Wea.

Fine -

Luddy not well.

Feed self & children
went to sail after dinner
I had a glorious time.

Ther.

SUNDAY 13

Wea.

Fine

S.S. & Church in the
morning.

Up to Annie's to dinner
after church.

Ther.

MON. MAY 14, 1888

Wea.

Mr. Benson very sick in the afternoon.

Colic all day, Renal -

Called on Mrs McLeod in the evening.

Ther.

TUESDAY 15

Wea.

In bed most of day

Mr. Hathaway in in the evening.

Frank in a few moments.

Ther.

WED. MAY 16, 1888

Wea.

In bed all day.

Ther.

THURSDAY 17

Wea.

Little better.

*Mrs. Smithey & Mrs. Lee
called after W.C.T.U.
meeting.*

Maggie in a few moments

Ther.

FRI. MAY 18, 1888

Wea.

Sail with Mrs. Stevens
party. Maggie started
with the children.

Mr. Hosmer quite sick
in the night.

Ther.

SATURDAY 19

Wea.

Mr. Hosmer sick all day.
Hosmer took tea with him
all day.
Robert sick all day.

Ther.

SUN. MAY 20, 1888

Wea.

Moody went to S.S.
 Parents to church & took
 Molly with me -
 Walked with Fred. in
 the afternoon.
 Church in the evening.
 Mr. Hathaway in with
 Fred.
 Robert better but not
 dinner -

Ther.

MONDAY 21

Wea.

Hot all day. Lay
 on lounge - most of the
 time -
 Frank went to dinner
 with us.

Ther.

TUES. MAY 22, 1888

Wea.

At home all day.

Short walk in the afternoon -

Quit a little while with Fred. in the eve.

Ther.

WEDNESDAY 23

Wea.

Am Cloudy - P.M. Pleasant.

Home work -

Down on wharf with Fredy & Rob. as saw the steamer go out -

Ther.

THURS. MAY 24, 1888

Wea.

W.C.T.U. in the afternoon
Sarah Hodge in for a little
while.

Ther.

FRIDAY 25

Wea.

Fine

Hot at all well -

Out to sail in the afternoon
David Worthington in twice
Miss Slaney in for a short
time - K

Mr. M. Coon in after
tea -

S' meph. Miss K. at home
Sut washing

Ther.

SAT. MAY 26, 1888

Wea.

Came from Mrs. Stanton
in the afternoon -

Fire on 6th St. Dr. Davey
moved out his things
Fred & Dr. Davis helped
him -

Ther.

SUNDAY 27.

Wea.

Fine

S.S. & Church -

Bed early not feeling
well.

Another fire but did not
get up to it -

Ther.

MON. MAY 28, 1888

Wea.

Up to Mills to get dress
from cellar. Notes in
my notebook.

Mr. Alden in to have
us go to Lib. Soc. tomorrow
night.

Ther.

TUESDAY 29

Wea.

Feel badly all day.

Breakfast in bed.

Not able to go to Soc. Meet.
Mr. & Mrs. Brown in to
play whist in the eve.

Ther.

WED. MAY 30, 1888

Wea.

Memorial day -
Up late -

After dinner saw the
procession & then went
up to Mills house &
rearranged things in the
cellar -

Ther.

THURSDAY 31

Wea.

Ther.

FRI. JUNE 1, 1888

Wea.

Sail with the Pettingells
+ had a glorious time
Three boats loads -

Fire at the Foreman
House at night -

Our first officers. F.B.

Ther.

SATURDAY 2

Wea.

Frid. left this morning
Miss K. + I arranged
our rooms + cleaned
up all day -

Went up to Dr. Barton's
Office to see Electrical
Cabinet in the after-
noon -

Ther.

SUN. JUNE 3, 1888

Wea.

Church A.M.

Meeting of Spiritualists
in the afternoon and
walked down to the
wharf.

Salvation Army in the
evening -

Ther.

MONDAY 4

Wea.

Miss. Kute away all
day.

Not well all day.

Ther.

TUES. JUNE 5, 1888

Wea.

Not well all day.

Dr. Armstrong in in the morning.

Dis. here in the evening.
& decide about Los Angeles.

Lud. played chess all day.

Ther.

WEDNESDAY 6

Wea.

Some better -

Out to sail in the afternoon.

Letter from Po'keepsie
this accepted - (Gave A.M.)

Mr. Perry & Mr. Lighton
spent evening here -

on this then. F.B.

Ther.

THURS. JUNE 7, 1888

Wea.

~~for~~

Ther.

FRIDAY 8

Wea.

Went out with Miss Little
in the morning.

Home all the afternoon

Ther.

SAT. JUNE 9, 1888

Wea.

Played whist in the
evening -
Went shopping after
dinner -

7

Ther.

SUNDAY 10

Wea.

Church. A.M.
Spiritualis meeting in
the afternoon -
Club in the evening
with Fred.

Ther.

MON. JUNE 11, 1888

Wea.

Guild meeting in the morning.

Down to the Prison in the ~~evening~~ afternoon with Mrs. Smith.

Ther.

TUESDAY 12

Wea.

St Pauls Liturgy in the Evening.

Fred had conversation with Dr. Hall.

Called on Mrs. Hargrave ~

Ther.

WED. JUNE 13, 1888

Wea.

Sewing in the morning
Dance in the after-
noon. Fred. Mr. Lighter
& Self -
Walk with Mrs. Homer
after tea -

Ther.

THURSDAY 14

Wea.

W. C. J. U. in the afternoon
Walk with Fred. before
tea & with Mrs. H. after.

Ther.

FRI. JUNE 15, 1888

Wea.

Worked in the morning
S.S. Chapter in the after-
noon -

Up to see Capt ^{Pattinson} after
tea -

Left at Med. Soc. just
as it adjourned -

Found out to see Jimmie
Hurlburt at night -

Ther.

SATURDAY 16

Wea.

Bela P. McKoon and Prof. Cermak and Pound
Sweep etc. Mr. McCorn
in about noon -

Found out to see him
at The St. James -

Found out to Yacht Club
meeting.

Ther.

SUN. JUNE 17, 1888

Wea.

Am slept. Children went
to S.S. Mr. McCorn^{me} in
the morning.

Out to see Jennie Rueland
in the afternoon -
Spiritualistic Meeting
in the evening.

Ther.

MONDAY 18

Wea.

Out to El Cajon at 3
with Mr. McCorn -

Prof B. P. McKorn taught - me my
first German at Cornell U.
1871-72. F. B.

Ther.

TUES. JUNE 19, 1888

Wea.

Rode around Valley &
to Lake side in the
morning.

Through packing house
to. After dinner -
Home in the afternoon
S. meeting in the evening

Ther.

WEDNESDAY 20

Wea.

Slept most all day -
Came to ^{the} office in the after-
noon

Walked around the
square after tea -

Ther.

THURS. JUNE 21, 1888

Wea.

Down to National City
with W. C. T. U. - in the
afternoon -

Home on Steamer -

Ther.

FRIDAY 22

Wea.

At home all day -
Ladies in from W. C. T. U.
to see me a few
minutes -

Ther.

SAT. JUNE 23, 1888

Wea.

Mediunistic
Development Class in
the afternoon -
Shopping afterwards -

Ther.

SUNDAY 24

Wea.

Church - a.m.
Rest in the afternoon
Church with Mrs. R. in
the evening -

Ther.

MON. JUNE 25, 1888

Wea.

Molt address in the Am.
Calle in the afternoon
Up to see Will after tea
but he was not danger-
ously sick.

Called on Mrs. Endley.

Ther.

TUESDAY 26

Wea.

Spiritualistic Meeting in the
Evening.

Mr. Restach in in the
morning.

Ther.

WED. JUNE 27, 1888

Wea.

Came from Mr. Dudley.
Mrs. Scitzin Mrs. Parker
& Self went to see Mrs
Stewart about Commission

Ther.

THURSDAY 28

Wea.

Out to row in afternoon
Left at 7.50 for Oceanside

Ther.

FRI. JUNE 29, 1888

Wea.

Convention - N.C.J.U.

Ther.

SATURDAY 30

Wea.

Convention.

Ride to Old Mission
San Luis Rey.

Home about 7.

Called on Mr. Restaink.

Ther.

SUN. JULY 1, 1888

Wea.

Out to see Jennie Hulbert
in the morning.

Two patients in after-
noon -

Church in the evening.

Ther.

MONDAY 2

Wea.

Called on Hulberts in
the afternoon.

Called on Mrs. Mills
for a few moments -
W.C.T.U. Meeting in
the evening.

Ther.

TUES. JULY 3, 1888

Wea.

Fred sick all day.
Dr. Davis in & see him
Called of ^{Mr} Jennie Mulhurs
Mrs. Halonell.

Ther.

WEDNESDAY 4

Wea.

Out to see Parade in the
morning
Jua + I went to Plaza
for a short time in the
af evening.

Ther.

THURS. JULY 5, 1888

Wea.

Feed better.

Over to see Mrs. Hurlburt
to inquire about Jennie
Went to see her in the
morning.

M. C. T. H. in the after-
noon. Mr. Miller's baby
sick in the evening.

Mrs. Miller to tea with
me.

Ther.

FRIDAY 6

Wea.

Over to see the baby early
Up to Florence Hotel
in the afternoon - don't
to see the baby.

Medical meeting in the
evening. In to see baby
who is much better.

Call from George & Annie
Barnett.

Ther.

SAT. JULY 7, 1888

Wea.

Baby out of the woods -
Home work etc.

Walked with Ted. in the
afternoon.

Read all the evening.

Ther.

SUNDAY 8

Wea.

Called on Mrs. Hufford -
Home all the morning
Back in the afternoon &
note Mother -
Church P.M.

Ther.

MON. JULY 9, 1888

Wea.

Med. calls.

Molt a little.

~~Out to see Jennie H.~~

Swim in the afternoon.

Sharp attack of rheumatism in the evening.

Rob. had attack of croup-slight.

Ther.

TUESDAY 10

Wea.

Rain in the eve.

Mrs. S. here in afternoon
Special meeting of W.C.T.U.
Rode with Mrs. S. & see
members.

Methodist social in the
evening & visit to the
Council.

Cheer Club in the evening.

Ther.

WED. JULY 11, 1888

Wea.

Out to Fannie Hurlburt's -
in afternoon -

8 Ther.

THURSDAY 12

Wea.

Over to see Miller baby
& Mrs. Stafford -

Supper at Y. M. C. A.

Went to see baby in the
evening.

Ther.

FRI. JULY 13, 1888

Wea.

Made calls -

Chess club here -

Call from Mr. & Mrs.
Perry in the evening.

Ther.

SATURDAY 14

Wea.

Looked over house in
the afternoon. ~~met~~

Ten with Mr. Leighton

Ther.

SUN. JULY 15, 1888

Wea.

Church A. M.

Mosquito Hunt in the evening.

Ther.

MONDAY 16

Wea.

Gentlemen in S play
~~which~~ ^{Chess} in the evening.

Ther.

TUES. JULY 17, 1888

Wea.

W.C.T.U. Sociable in the
evening Mrs. Carter
went with me -
Chess Club at rooms
until midnight.

Ther.

WEDNESDAY 18

Wea.

Read & wrote a letter.
Met with ladies of
Home in the afternoon.

Ther.

THURS. JULY 19, 1888

Wea.

W. C. T. U. in the afternoon
Sail or Boat-ride in
the evening.

Ther.

FRIDAY 20

Wea.

Chess Club in the afternoon
Fried meat with Mr. L.
on fishing trip.

Call at night.

Ther.

SAT. JULY 21, 1888

Wea.

Harry Gerrish fell
in afternoon - but not
hurt seriously.

Fred. home about then
Mrs. Gerrish in in the
evening.

Ther.

SUNDAY 22

Wea.

John went to church
with me in the
morning - Confirmation
-.

Went to see Mrs. Ailes
off on Steamer.

Mrs. K. went to church
with me in the evening.

Ther.

MON. JULY 23, 1888

Wea.

X Meeting Managers of
Day Nursery. at Mrs.
Carlton Stayed to tea -
Newbury park Meeting
in the evening.

Ther.

TUESDAY 24

Wea.

Sail in the morning
Mr. Carlton raced with me -
No race -

Worked in house in the
afternoon -

Lit. Soc. & Chess Club in
the evening.

Ther.

WED. JULY 25, 1888

Wea.

X Meeting of Board of Managers
of Day Nursery at Mrs
Mansions in the afternoon.
Mr. & Mrs. Battelle in
for Exam. for insurance
in the evening.
Mr. Lighton & Mr. Canale
in to play chess.

Ther.

THURSDAY 26

Wea.

Ladies Race. Sarah the
Mascot. Alice P. The
Fairy & beat me by 30
seconds.

X Called on people in
regard to Motion. in
the evening.

Ther.

FRI. JULY 27, 1888

Wea.

Cleaned the upstairs of
the new house in the
morning.

Bible Class & Chess Club
in the afternoon. Mrs Kirby
at Chess Club.

Jewish Meeting in the
Evening.

Ther.

SATURDAY 28

Wea.

X Meeting of Exec. Comm. of
Day Nursery. in the
morning.

Patients & at work in the
house in the afternoon
Rabbi Funder here in
the evening.

Ther.

SUN. JULY 29, 1888

Wea.

Church A.M.

Moti & Mother P.M.

Ther.

MONDAY 30

Wea.

Worked on carpets etc. in
the morning.

Moved in the afternoon.

Ther.

TUES. JULY 31, 1888

Wea.

Cleared up house -
Chin Club in the evening.

Ther.

WEDNESDAY, AUG. 1

Wea.

X Meeting Day Nursery in
the afternoon -
Miss McLean elected.

Ther.

THURS. AUG. 2, 1888

Wea.

X Call from Mrs. Patten
& both of us went to
see Mrs. Davidson -
W. C. T. U. in the
afternoon -
Headache all day.

Ther.

FRIDAY 3

Wea.

Chic while we rode
out to Mr. Hulbert's -
Lay down most of the
afternoon -
Chess club.
Call from Mrs. & Miss
Stone.

Ther.

SAT. AUG. 4, 1888

Wea.

Boat race in the
afternoon - fine time

Ther.

SUNDAY 5

Wea.

Out to see Mr. H.
to-day - Rested rest of
the day.

Ther.

MON. AUG. 6, 1888

Wea.

Patients all day. one
of our busiest days.

Ther.

TUESDAY 7

Wea.

Chess Club in the
evening.

Mrs. Cardew came with
her husband.

X Meeting of Day Nursery
in the afternoon.

Ther.

WED. AUG. 8, 1888

Wea.

Busy all day -

Ther.

THURSDAY 9

Wea.

W.C.T.U. in the afternoon
Calls.

Call from Dr. Freuden-
stein & Mr. Proutty in the eve.

Ther.

FRI. AUG. 10, 1888

Wea.

Out to Mr. Hulburt's -
Bible Class P. M.
Chess in the evening.

Ther.

SATURDAY 11

Wea. 9

Race in the afternoon
but no wind.

Ther.

SUN. AUG. 12, 1888

Wea.

Church a.m.

Feet in the afternoon
Wrote a note to
Church in the evening

Ther.

MONDAY 13

Wea.

Rehearsal in the
afternoon for Lit. Club
at the Rectory.
Lit. Club. in the evening.

Ther.

TUES. AUG. 14, 1888

Wea.

Club & see patients at
20th St.

X Meeting of Day Nursery.
in the afternoon -
Club club in the
evening.

Ther.

WEDNESDAY 15

Wea.

Herbunysport picnic
& - day.

Ther.

THURS. AUG. 16, 1888

Wea.

Patients A.M.

Fred. sent for me to
come over to Mr. H.
at 1. Stayed all
night there -

Ther.

FRIDAY 17

Wea.

Home about 8.

Patients -

Out to see Mr. H. about
3.

Med. Meeting P.M.

Out to Mr. H. at 10.30

Home in last car -

Ther.

SAT. AUG. 18, 1888

Wea.

Sail in the afternoon
but very blowy. Was
quite wet with the
spray.

Fred. went out to see
Mr. H. in the evening.

Ther.

SUNDAY 19

Wea.

Church AM.
Sail in the afternoon
Church in the evening.
Mr. Ailes out to see Fred.

Ther.

MON. AUG. 20, 1888

Wea.

Out to see Mr. H. in the morning.

Wife started to move barn to Lued. went up & brought down our things.

Lumpance & Day Nursery work in the afternoon
Sail with Dr. Lueden-
Lued. not feeling well -

Ther.

TUESDAY 21

Wea.

Ther.

WED. AUG. 22, 1888

Wea.

Ther.

THURSDAY 23

Wea.

W.C. T. H. in afternoon -
Fed. not well -

Ther.

FRI. AUG. 24, 1888

Wea.

Ther.

SATURDAY 25

Wea.

Ther.

SUN. AUG. 26, 1888

Wea.

Not able to church but
out to see Mr. H. Wice
Lud. not well.

Ther.

MONDAY 27

Wea.

Up the hill in the
afternoon.

Look down to Miss Luman

Went to W.C.T.U. meeting
for a few moments.

Ther.

TUES. AUG. 28, 1888

Wea.

Feed. milk with me to
Mr. H. but had chill
in afternoon & went
to bed sick at night

Ther.

WEDNESDAY 29

Wea.

Out to the Haulbents
three & errands &
care of feed all day
tough.

Fence well established

Ther.

THURS. AUG. 30, 1888

Wea.

Out to the Haulbuts
at noon, not to go
at night.

With Led. all the
rest of time.

Ther.

FRIDAY 31

Wea.

Sent word to the
Haulbuts that I
could not come
any more - Led.
too sick.

Ther.

SAT. SEPT. 1, 1888

Wea.

Fed. a little better
Dr. Davis thinks. I
cannot see much
change yet.

Ther.

SUNDAY 2

Wea.

Fed. a little better.
Temp. coming down
very slowly. but had
a hard night

Ther.

MON. SEPT. 3, 1888

Wea.

7.

Temp coming down
a very little. Up at
night.

Restless night.

Carlus all the time to
inquire for Led.

Sent letter to Mother,
Mr. Gann, & Ed Kelahan

Ther.

TUESDAY 4

Wea.

7.

Rest a little but very
weak & tired.

Ther.

WED. SEPT. 5, 1888

Wea.

Ther.

THURSDAY 6

Wea.

Ther.

FRI. SEPT. 7, 1888

Wea.

Ther.

SATURDAY 8

Wea.

Ther.

SUN. SEPT. 9, 1888

Wea.

Ther.

MONDAY 10

Wea.

Ther.

TUES. SEPT. 11, 1888

Wea.

Ther.

WEDNESDAY 12

Wea.

Ther.

THURS. SEPT. 13, 1888

Wea.

Wed 10 Ther.

FRIDAY 14

Wea.

Ther.

SAT. SEPT. 15, 1888

Wea.

Ther.

SUNDAY 16

Wea.

Fred had some hemorrhage from bowels at night

Ther.

MON. SEPT. 17, 1888

Wea.

Sent telegram to mother

Ther.

TUESDAY 18

Wea.

Ther.

WED. SEPT. 19, 1888

Wea.

Ther.

THURSDAY 20

Wea.

Ther.

FRI. SEPT. 21, 1888

Wea.

Ther.

SATURDAY 22

Wea.

Ther.

SUN. SEPT. 23, 1888

Wea.

Ther.

MONDAY 24

Wea.

Mother here at 4 am.

Ther.

TUES. SEPT. 25, 1888

Wea.

Ther.

WEDNESDAY 26

Wea.

Ther.

THURS. SEPT. 27, 1888

Wea.

Ther.

FRIDAY 28

Wea.

Ther.

SAT. SEPT. 29, 1888

Wea.

Ther.

SUNDAY 30

Wea.

Ther.

MON. OCT. 1, 1888

Wea.

Ther.

TUESDAY 2

Wea.

Ther.

WED. OCT. 3, 1888

Wea.

Ther.

THURSDAY 4

Wea.

Ther.

FRI. OCT. 5, 1888

Wea.

Ther.

SATURDAY 6

Wea.

Ther.

SUN. OCT. 7, 1888

Wea.

Ther.

or MONDAY 8

Wea.

Ther.

TUES. OCT. 9, 1888

Wea.

Ther.

WEDNESDAY 10

Wea.

Ther.

THURS. OCT. 11, 1888

Wea.

Ther.

FRIDAY 12

Wea.

Ther.

SAT. OCT. 13, 1888

Wea.

Ther.

SUNDAY 14

Wea.

W. a.
Ther.

MON. OCT. 15, 1888

Wea.

W. a. 11 Ther.

TUESDAY 16

Wea.

Ther.

WED. OCT. 17, 1888

Wea.

Ther.

THURSDAY 18

Wea.

Ther.

FRI. OCT. 19, 1888

Wea.

Ther.

SATURDAY 20

Wea.

Ther.

SUN. OCT. 21, 1888

Wea.

Ther.

MONDAY 22

Wea.

Ther.

TUES. OCT. 23, 1888

Wea.

Ther.

WEDNESDAY 24

Wea.

Ther.

THURS. OCT. 25, 1888

Wea.

Ther.

FRIDAY 26

Wea.

Ther.

SAT. OCT. 27, 1888

Wea.

Ther.

SUNDAY 28

Wea.

Ther.

MON. OCT. 29, 1888

Wea.

Ther.

TUESDAY 30

Wea.

Ther.

WED. OCT. 31, 1888

Wea.

Ther.

THURSDAY, NOV. 1

Wea.

Ther.

FRI. NOV. 2, 1888

Wea.

Ther.

SATURDAY 3

Wea.

Wea.

Ther.

SUN. NOV. 4, 1888

Wea.

Ther.

MONDAY 5

Wea.

Ther.

TUES. NOV. 6, 1888

Wea.

Ther.

WEDNESDAY 7

Wea.

Ther.

THURS. NOV. 8, 1888

Wea.

Ther.

FRIDAY 9

Wea.

Ther.

SAT. NOV. 10, 1888

Wea.

Ther.

SUNDAY 11

Wea.

Ther.

MON. NOV. 12, 1888

Wea.

Ther.

TUESDAY 13

Wea.

Ther.

WED. NOV. 14, 1888

Wea.

Ther.

THURSDAY 15

Wea.

W. Ther.

FRI. NOV. 16, 1888

Wea.

W. 12 Ther.

SATURDAY 17

Wea.

Ther.

SUN. Nov. 18, 1888

Wea.

Ther.

MONDAY 19

Wea.

Ther.

TUES. NOV. 20, 1888

Wea.

Ther.

WEDNESDAY 21

Wea.

Ther.

THURS. NOV. 22, 1888

Wea.

Ther.

FRIDAY 23

Wea.

W. Ther.

SAT. NOV. 24, 1888

Wea.

W. Ther.

SUNDAY 25

Wea.

Ther.

MON. Nov. 26, 1888

Wea.

Ther.

TUESDAY 27

Wea.

Ther.

WED. Nov. 28, 1883

Wea.

Ther:

THURSDAY 29

Wea.

Thanksgiving.
Willie passed away
at 7.30 A.M.

Ther.

FRI. NOV. 30, 1888

Wea.

Ther

SATURDAY, DEC. 1

Wea.

W. L.
Ther.

SUN. DEC. 2, 1888

Wea.

We
Ther.

MONDAY 3

Wea.

Ther.

TUES. DEC. 4, 1888

Wea.

Ther.

WEDNESDAY 5

Wea.

W. a.
Ther.

THURS. DEC. 6, 1888

Wea.

W
Ther.

FRIDAY 7.

Wea.

Ther.

SAT. DEC. 8, 1888

Wea.

Ther.

SUNDAY 9

Wea.

Ther.

MON. DEC. 10, 1888

Wea.

Ther.

TUESDAY 11

Wea.

Ther.

WED. DEC. 12, 1888

Wea.

Ther.

THURSDAY 13

Wea.

Ther.

FRI. DEC. 14, 1888

Wea.

Ther.

SATURDAY 15

Wea.

Ther.

SUN. DEC. 16, 1888

Wea.

Ther.

MONDAY 17

Wea.

a.

Ther.

TUES. DEC. 18, 1888

Wea.

W. 3.

3 Ther.

WEDNESDAY 19

Wea.

Ther.

THURS. DEC. 20, 1888

Wea.

Ther.

FRIDAY 21

Wea.

Ther.

SAT. DEC. 22, 1888

Wea.

Ther.

SUNDAY 23

Wea.

Ther.

MON. DEC. 24, 1888

Wea.

Ther.

TUESDAY 25

Wea.

Ther.

WED. DEC. 26, 1888

Wea.

Ther.

THURSDAY 27

Wea.

Ther.

FRI. DEC. 28, 1888

Wea.

Ther.

SATURDAY 29

Wea.

Ther.

SUN. DEC. 30, 1888

Wea.

Ther.

MONDAY 31

Wea.

Amer. Jour. Med. Science.

Jan. 1878

Pot. Brom. in Pregnancy - Bury

" " grs. ~~xxx~~ - $\frac{7}{j}$ - in beef-tea
brandy & landatum to be
added if called for. To be
given every four hours. Stomach
& rest -

MEMORANDA

1878

Russ. by
H. J. W.

be

Chin. by

MEMORANDA

MEMORANDA

MEMORANDA

MEMORANDA

MEMORANDA

Treasury

W. C. J. H.

Fifty Postals -
Postage

Dr.

.50

.10

For the Union.

19. Papers in Boxes.

MEMORANDA

Supp. of Hereditas

W. C. J. U.

66 Papers in Boxes -
200 " distributed

MEMORANDA

County President.

MEMORANDA

CASH ACCOUNT. JANUARY.

Date.		Received.	Paid.
11	Suit for Rob.		2
11	Stockings for Rob.		25
12	Material for skirt ^{R.}		75
"	" " Coat <u>M</u>		38
"	" " Hat. <u>M</u>		14
"	Ginger-snaps		25
"	Washing.		2
13	Affidavit - Self -		50
"	Shoes - Molly -		1 60
15	Church.		20
17	Luk ¹⁰ - Butli ⁰⁵		15
18	Horse Care		10
19	Dinner ²⁵ Cooks ²⁵		50
21	Repairing dress ^{"Self"}		1 00
"	Bonnet - Self -		3 25
25	Cooks.		10
26	" ¹⁰ Milk ²⁵		35
27	Store ^{5.75} Cooks ¹⁰		5 85
"	Glasses ⁷⁵ Rent ^{50.}		50 75
"	Med. work	7 50	
194		7 50	70 16

CASH ACCOUNT. JANUARY.

Date.		Received.		Paid.	
	Forward -	7	50	70	16
25	28 Candy				25
75	29 Church -				10
38	28 Pants - 3.50 - Collars 25			3	75
14	29 Fare & Colorado to.				75
25	31 Candy .05				05
		7	50	74	96

CASH ACCOUNT.

FEBRUARY.

Date.		Received.	Paid.
1	Cookies -		10
2	Church & Guild		1 05
4	Apples ¹⁰ Steamer ¹⁵		25
"	Cards &c. ²⁵		4 50
"	Ammon. ²⁵ Mm. ⁵⁰ Coffee		75
6	Express		3 95
"	Condensed Milk		50
	Fruit		75
	Medicine		40
7	Brown ⁵⁰ - Coal ³⁰ - Oil ¹⁰ - Paper		90
7	Soap ²⁰ - Pulling ¹⁰		30
	Bread ¹⁰ - Cookies ²⁵		1 25
7	Meal Tickets		10
8	Cord ¹⁰ - Cord ¹⁵ - Oil ⁵⁰ - can		75
8	Table-cloth.		2 25
	Sign ¹⁰ - Medicine		8
	Provisions		1 10
9	Waste Basket ⁷⁵ - Tapi ⁵⁰		1 25
	Medicine ²⁰		20
	Per ^{6.65} - Sub. & Adval.		6 65
			44 90

CASH ACCOUNT. FEBRUARY.

Date.		Received.	Paid.
	Forward -		44 90
10	Luk ¹⁰ Car fares - Mea ^{.25 .25}		60
13	Prov ^{.65} Stamp's Paper ^{.15 .05}		85
	Meals ¹⁰ Germania ^{.20}		10 25
	Exp ^{.195} Washing ^{.215}		4 10
16	Wick ^{.15} - car fare ^{.20}		35
"	Med. Work -	5-	
	Jim Hurlburt.		11
	Tr ^{.20} - Tea kettle ^{2.30} Tack ^{.05}		2 55
	Dust ^{.55} - oil-cloth - Prov ^{.20 1.35}		2 10
17	Med ^{.40} - milk - Prov ^{.15 .50}		1 05
18	Prov ^{.85} - Med ¹ - Cards ^{.50}		2 35
	Suit (Fed) ^{13.25} Milk & Lin ^{.10}		13 35
20	Prov ^{.30} - Med ^{1.10} - Paper ^{.10}		1 50
	Med. work - Fed -	7 50	
			197

CASH ACCOUNT. MARCH.

Date.		Received.	Paid.
9	Provisions		1 25
	Drapier - Rob.		1
	Lump-sum		05
8	Milk ^{.10} - Car-fair ^{.10}		20
9	Car-fair ^{.05} - Milk ^{.10}		15
	Bee ^{.65} Thermometer ^{2.75}		3 40
10	Bread ^{.85}		85
11	Church Car-fair ^{.10} -		20
12	Halo ^{.6}		1
17	Port. Coal-oil ^{.1.25} - Hare ^{.65}		1 90
"	Bread ^{.30} - Tickets ^{.10}		10 30
10	Med. Stock.	7	
17	Car-fair ^{.30} - Monny ^{.1.95}		2 45
18	" ^{.10} - Church ^{.40} Milk ^{.60}		1 70
20	Pine ^{.10} milk ^{.10}		20
22	Bread ^{.90} - Lard ^{.1.00}		2 40
"	Car-fair ^{.20} - Car-fair ^{.10} Milk ^{.10}		40
23	Trails (Robert) Church ^{2.}		3
	Med. ^{.40}		10
26	Milk ^{.10}		10 30

CASH ACCOUNT. 1900 MARCH.

Date.	Received.	Paid.
1 25		
1 25		
20		
15		
3 10		
5		
20		
1 190		
10 90		
2 45		
1 40		
1 0		
2 10		
40		
3		
10		
10		

CASH ACCOUNT.

APRIL.

Date.		Received.	Paid.
	F. A. Baker - Meals, MAY 1		

CASH ACCOUNT.

OCTOBER.

Date.

Received.

Paid.

CASH ACCOUNT. OCTOBER.

CASH ACCOUNT.

DECEMBER.

Date.

Received.

Paid.

CASH ACCOUNT. 7 DECEMBER.

217

SUMMARY OF CASH ACCOUNT.

		Received.		Paid.	
JAN.		750		74	96
FEB.					
MAR.					
APR.					
MAY.					
JUNE.					
JULY.					
AUG.					
SEPT.					
OCT.					
NOV.					
DEC.					

BILLS PAYABLE. JANUARY.

Date.	NAME.	Dolls.	Cts.
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RECEIVABLE.

19	Mr. Merwin - 6 th St. Bal. due.	2	50
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BILLS PAYABLE.

FEBRUARY.

Date.	NAME.	Dolls.	Cts.
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X

RECEIVABLE.

16	Mrs. Geo. Neff. ^{Gr.} <u>Pd.</u>	5.	
27	Mrs. Hathaway ^{Ind.}	2	50
23	Mrs. Arlio ^{Gr.}	5	

BILLS PAYABLE. MARCH.

Date.	NAME.	Dolls. Cts.	
		Dolls.	Cts.
	(May Miller)		
18	Mrs. Hughes. ✓ ✓	4	
19	" " ✓	2	
20	" " ✓ Med.	2	50
23	" " ✓ "	2	50
24	" " Med.	1	
26	John Smith ✓ Pd.	2	
28	Mrs. Hughes ✓	2	
28	" Sartre ✓	2	
28	" Fred. Baker ✓	2	
28	Mrs. Ailes ✓	2	
31	RECEIVABLE.		
31	Mrs. Hughes ✓	4	
1	Mrs. Ailes ✓	2	
3	Mrs. Leggett ✓ Pd. Med.	2	50
6	Mrs. Sartre ✓ Pd.	2	
8	" " ✓ Pd.	2	
9	" " ✓ Pd. Med.	2	
11	Mrs. Fred Baker ✓ Med.	3	
10	" Sartre ✓ Pd.	2	
12	" " Med. Pd.	1	
14	Mrs. Fred Baker ✓ Med.	2	50

BILLS PAYABLE. AUGUST.

Date.	NAME.	Dolls.	Cts.
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RECEIVABLE.

BILLS PAYABLE. SEPTEMBER.

[illegible]

BILLS PAYABLE, OCTOBER.

BILLS PAYABLE. NOVEMBER.

Dolls.		Cts.	Date.	NAME.	Dolls.	Cts.
RECEIVABLE.						

BILLS PAYABLE. DECEMBER.

Date.	NAME.	Dolls.	Cts.
RECEIVABLE.			

MEMORANDA.

ADDRESSES.

NAME. Mrs. Annie Palmer / Seattle
STREET, No. 1812 4th Street
CITY.

NAME. Mrs. C. H. Stevens
STREET, No. 1137 12th St.
CITY.

NAME. Mrs. Fred. Baker
STREET, No. 942 1st Street -
CITY.

NAME. Miss Woodward -
STREET, No. Cedar bet. 4th & 5th -
CITY.

NAME. Mrs. Geo. J. Keating
STREET, No. The Deck -
CITY.

NAME. Miss Julia Meehan
STREET, No. B. Cor. 10th & 7.
CITY. 9th St. Station - Coronado -

NAME. Mrs. Johnson -
STREET, No. 12th St.
CITY.

ADDRESSES.

NAME. Mrs. Lu. F. P.

STREET, No.

CITY.

NAME.

Mrs. C. E. Horner.

STREET, No.

Cor. 17 & L. (Mm)

CITY.

NAME.

Mrs. Amos Petingell

STREET, No.

528 7th St.

CITY.

NAME.

Mrs. E. G. Haight.

STREET, No.

1139 Front St.

CITY.

NAME.

Mrs. Borland.

STREET, No.

209 Temple Street.

CITY.

Los Angeles.

NAME.

Mrs. Connell.

STREET, No.

Middletown Add.

CITY.

To care for children.

NAME.

Mrs. Anna L. Folt.

STREET, No.

45 16th St.

CITY.

San Diego.

W. C. T. U. Literature.

ADDRESSES.

- Washington -

NAME.

Alumna Price

STREET, No.

H. Bet. 12 + 13th

CITY.

NAME.

Mrs. Noah Morgan

STREET, No.

C. Bet. Calif. & Arctic

CITY.

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STREET, No.

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CALLS.

Rec'd.	NAME.	Returned.
Feb. 3.	Mrs. Davis.	_____
" 24	Mrs. Rogers.	May 12
Feb. 18 ⁽⁷⁾	Mrs. Endly	_____
Feb. 16	Mrs. Tork	_____
Mar. 14	" "	_____
" "	Annie Palmer Senter	_____
" 15	Mrs. & Miss Stevens	April 24
" 16	Mrs. Geo. J. Keating	_____
" "	Miss Woodward	_____
" 21	Mrs. Marston	Apr. -
" "	" Perk.	_____
" 13	Mrs. Bestarick	_____
Mar. 29	Dr. Arthur	March. 22
" 19	Mrs. Hamilton	} April 11
" 29	Miss Stickney	
" "	Mrs. Pettigell.	May 12
" "	Mrs. Johnson.	April 30
Apr. 1	Mrs. Tork.	_____
" 7	Mrs. Lee.	_____
" "	" Steirach	_____
" "	" Battell	_____

CALLS.

Rec'd.	NAME.	Returned.
—	Mrs. Nelson	
—	Mrs. E. G. Haight	June 12
May 26	Mrs. Stanton	
	Miss Rogers.	
	Mrs. Thomas	Aug 7
July 7	Mrs. Matfield	
" 11	" Mowser	
	{ Miss Churchward	
" 21	" "	
Aug 1	Mrs. Stockton	

CALLS.

Return

Rec'd.

NAME.

Returned.

June 2

Aug

8

243

CALLS.

Rec'd

NAME,

Returned.

CALLS.

Rec'd.

NAME.

Returned.

CALLS.

CALLS.

Rec'd.

NAME.

Returned.

CALLS.

LETTERS.

Rec'd.	NAME.	Answered.
Jan 11	Dr. Mosher -	Jan. 25
	Dr. Emma -	Jan. 17.
Dec. 20	Anne	May 3
12-14.	Lizzie -	Mar. 7
Nov. 19	Amey	Mar. 9
	Agnes Mitchell	
Nov. 21	Aunt Le.	Feb. 1.
Aug 5	Mrs. Balch -	
	Rev. J. M. Taylor -	Dec. 13
	Auntie Fisher -	July 21
	George Belcher -	Jan. 29
Feb. 2	Rev. J. M. Taylor -	Sept 7
" 8	Dr. Emma	March 4
" 15	Mrs. Houghton	Feb. 16
" "	Lucy English	
—	Dr. Emma	March 4
	George Belcher	
April 30	Dr. Mosher -	—
Mar. 7	Mrs. Houghton	—
" 12	Aunt Le.	
" 12	Lizzie	April 21

LETTERS.

Rec'd.	NAME.	Answered.
Mar 26	Bette.	
Apr. 11	Dr. Emma	July 14
" 30	Amey	May 11
May 3	Rev. J. M. Taylor.	" 7
	Mrs. Adams.	" 11
	Mother	" 27
June 1	"	June 4
May 29	Miss Calligan	
Mar 12	Mrs. Knapp.	
June 6	Rev. J. M. Taylor.	July 25
	Mother	July 9
	Lizzie	" 9
	Mrs. Spofford	" "
	Mrs. Boughton	" 11
	Anne - Postal	" 16
July 15	Amey.	
	~~Dr. Emma.~~	" 16
Aug. 7	Mrs. Deepordy.	July 21
	Port Martin General	" 25
	Mrs. Mills	" "
July 27	Mother.	" 29
230		

NSWERC

11

LETTERS.

Rec'd.

NAME.

Answered.

LETTERS.

Answers

Rec'd.

NAME.

Answered.

LETTERS.

Rec'd.

NAME.

Answered.

LETTERS.

Answer

Rec'd.

NAME.

Answered.

1

255

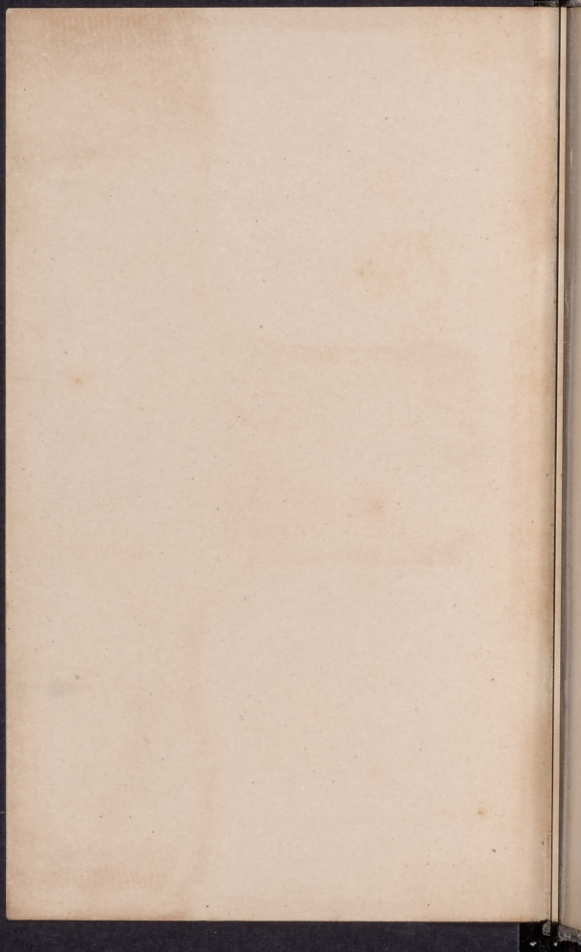
LETTERS.

Rec'd.

NAME.

Answer

6.
never







88.

